

International Appeal

Stop 5G on Earth and in Space

Sign the Appeal: www.5gspaceappeal.org






































**Stop 5G
News 8**
8.9.2019

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The Stop 5G Newsletter is intended to educate the public about 5G

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EDITORIAL

THE 5G DEMENTORS MEET THE 5G ZOMBIE APOCALYPSE

This is my last *Stop 5G Newsletter*, or at least it is the last of this series of newsletters as I intend in the future to do the journalism on 5G, so signally *not* done by the mainstream media. Next month, Arthur Firstenberg will be arranging for the Appeal to be hand-delivered to the UN, EU, WHO and governments.

It seems a good moment to try to sum up my understanding of how we came to be in this 5G mad zone, poised to self-destruct. How on earth did we get here?

It appears that every expansion of the use of electricity since the 19th century **correlates with drastic rises** in all the modern diseases of civilisation, but this information has been kept from the public in order not to impede **commercial profit, military expansion** and universal convenience.

Since 100 years+ of quantum physics has had little to no impact on the way we live our lives or how we perceive reality, we in the West still labour under the illusion that our bodies are made up of lumps of discrete matter that can be conveniently removed by a surgeon's knife when they go wrong, this having been established in the 18th and 19th centuries by a grave-robbing spree to collect corpses for surgical experiments. Since no

one seems to have considered the possibility that a living body might differ significantly from a dead one, this crude experimentation formed the basis for the whole system of what we now call Western medicine. All traditional and ancient healing wisdom based on a holistic view of a living body was outlawed by enforcing membership of a “professional body”. In an inversion typical of our Western thinking, natural healing methods dating back thousands of years could then be termed not “traditional”, but “alternative” and “backward”.

Taking advantage of this – let us charitably call it an induced misconception – our militaries discovered that microwave weapons could be deployed silently and secretly to “defend” us from our alleged enemies. They gleefully amassed [compendia of thousands of studies](#), many done in the [Soviet bloc](#), in order to solidify their knowledge of the many and varied types of biological damage that these weapons could inflict on human beings at very little cost or inconvenience to those deploying them.

There was even a symposium organised by the World Health Organization in 1973 to discuss [The Biologic Effects and Health Hazards of Microwave Radiation](#), but the participants must have subsequently decided not to share this information with the public in view of their intelligent propensity to suspect that one day microwave weapons might be turned on them.

Instead of informing the public that their bodies were, in fact, not solid at all but [entirely electrical](#), these military and industrial entities kept secret all their thousands of studies on the biological effects of microwaves.

They established regulatory bodies with grand names intended to impress the public, [filled them with industry and military stooges](#), and set electromagnetic radiation (EMR) [exposure limits so high that it would be impossible to exceed them](#), similar to setting car speed limits at a thousand miles/kilometres per hour. [Russia’s public exposure standards are 100 times](#) more stringent than those in the US.

The self-proclaimed international commission on non-ionizing radiation protection (icnirp), which is an NGO with no international or official status that appoints its own members with no oversight or transparency and protects no one from anything, while disclaiming all liability on its website for any of its pronouncements, sets non-legally enforceable and astronomically high exposure guidelines that are time-averaged over 6 minutes to avoid taking peak pulsations into account and thereby falsify exposure calculations. What a pity no one told Jackie Kennedy about the 6-minute average when that magic bullet changed her life! How different history might have been! These bizarre guidelines are embraced enthusiastically by the WHO and the International Telecommunication

Union, both UN bodies, and most of the world's governments, with no basis in law.

4G uses [2.45 GHz](#), which has been shown in more than 100 studies to cause a wide variety of severe damage to the body and nature at levels below the so-called safety guidelines of icnirp.

Despite the regulatory agencies knowing this with absolute certainty since they have the study findings, they have told the public that there are only [thermal or heating effects and continue to do so in their draft guidelines revised upwards to permit 5G](#).

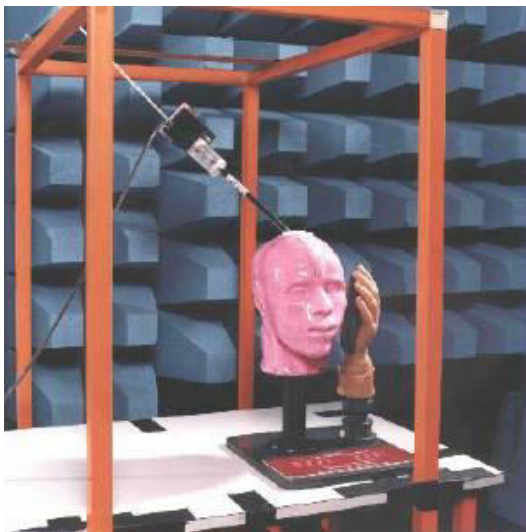
They have published pictures of plastic mannequin heads filled with gel that they put probes inside to demonstrate the heating effect. "Look at our wonderful science!", they seem to say, "The mannequin head has suffered no ill-effects! Why should you worry?"

Of course, there were people who spent a lot of time exposed to EMR through computer screens or other devices, [who started to complain of illnesses](#).

This was not good because it could affect the sales of electrical products and impede the military developing ever more sophisticated weapons, so the [corrupt WHO](#) just called these people mad: [on its website, it claimed that](#) the EMR-related symptoms experienced by millions of people worldwide "may be due to pre-existing psychiatric conditions as well as stress reactions as a result of worrying about EMF health effects, rather than the EMF exposure itself". Any apparent rise in cancer rates is rapidly attributed to improved diagnostic techniques rather than the more obvious true cause of exposure to an environmental toxin.

This was a good solution, for such people could not use machines to communicate to anyone else that they were experiencing health problems, and in fact even more conveniently, they became societal outcasts because many of them became homeless, living in cars in the woods where there was no EMR. And thus it was that almost no one learned that there was any problem.

As you would expect, there were a few scientists who didn't care for the



idea of getting paid lots of money to tell lies that kill people and they started to try to advertise the truth, but it's not difficult to arrange for them to lose their jobs or their study funding to silence them. All you need do then is simply **buy up the media and pay journalists** to **dismiss tens of thousands of awkward scientific studies** on the basis that they do not provide "solid", "real", "proven", "credible", "convincing", "conclusive" or "established" evidence. And you employ pliable scientists to "muddy the waters" or **"war-game" the science** by producing studies that show inconclusive results.



As time went on, the military wanted industry to develop better weapons for them, but this was expensive, and frankly it was becoming quite difficult to convince the public that there were that many enemies that they needed to be protected from. A lot of effort was put into **creating and funding so-called terrorists**, but it didn't do much good because the public didn't need to make much effort to realise that they were way less likely to be killed by a terrorist than to get food-poisoning, for example.

So the military and industry had a brilliant idea. What about commercialising this weapons technology as a communications technology that they could sell to the public, and then **the public would pay for all the research and development** of new and improved weapons?

Even better, they knew that cell phones would be addictive so everyone

would want a phone. And they would be able to control people's [minds](#) and [tell them what to think](#), what to do and what to buy. You could have complete physical [surveillance](#) inside and outside people's homes. How perfect! You could have a completely orderly society, with no one complaining about how [eight people had accumulated wealth equal to that possessed by half the population of the planet](#). And if [one in two children become autistic](#), they would make really efficient, robotic workers, would always be happy and never make trouble! We see endless articles saying [it makes good business sense](#).

After the [kleptocracy](#) of [neoliberal economics](#), during which everything that could be stolen was stolen, all that is left is to consume the consumer him- or herself. Companies like Facebook are designed to do just that and Zuckerberg regards consumers as "[dumb fucks](#)" for giving away their information for free.

Already in 1981, icnirp's predecessor organisation irpa acknowledged that general population exposure from man-made sources of microwave and RF radiation [exceeded that from natural sources by many orders of magnitude](#).

Work done by Russian and Ukrainian researchers published in a US review in 2001 established that, during the previous 50 years, the [round-the-clock power of radio emissions had increased by a factor of more than 50,000](#).

The same paper discussed the development of [psychic disturbances](#) under EMR exposure showing effects ranging from changes in mood to nonsensical ideas and aural and visual hallucinations, and disturbances in behaviour all the way to attempts at suicide.

While people's minds are disturbed by their exposure to EMR, the mainstream media plies them with blanket coverage of [Greta Thunberg fear-porning](#) about an unsubstantiated 12 years until doomsday from [non-existent anthropogenic climate change](#) in order to persuade them that they need a totalitarian, world government that can guarantee their safety in uncertain times.

Populations have been discombobulated by 25 years of cell phone use, 12 of them under intense "smart" phone attack. Parents are so fascinated by their phones that their [children drown in swimming pools](#) right in front of them. More and more people walk out into the road when a car is coming or fall over or down something while peering into "smart" phones. We hear of [adverse effects on learning, attention, and behavior](#). Children are being exposed to magnetic fields from cell phones that breach WHO's recommended [0.3μT safety limit by a factor of 20,000](#).

Meanwhile, insurance companies, which presumably have to protect their existence by keeping a grip on reality, [refuse to insure against EMF](#)

[injuries or damage.](#)

The deployment of 5G is presented by militaries, governments and commercial entities as a race in which the winner takes all. Why should such a dangerous and completely untested technology have to be rolled out so quickly? Could it be that the Internet is empowering people who are increasingly impoverished to open their eyes about the kleptocrats who plunder the planet? Could it be that the true health effects of 25 years of cell phone use cannot much longer be hidden?

Whatever the reason, Eisenhower's military-industrial complex has revealed itself in the 5G project, [showing its hand](#) clearly in [the crossover between the two](#), including in the [regulatory agencies](#). The limited frequencies available have to be shared among commercial and military entities.

Thus 25 years of diminishing mental capacity among populations due to irradiation facilitated by the lie of the thermal hypothesis, combined with the apparent urgency to protect ill-gotten gains and prevent populations awakening to the truth and flexing their muscles to redress the power balance have conspired to produce a mad free-for-all – a licence to irradiate without constraint from every corner of the planet and from above our heads.

Technicians have been given free rein to dream up ways of attacking populations: from under manhole covers; from cabinets on the street; from lamp posts that blast blue light with no more diffusers, as well as 5G EMR in laser-like beams; from adhesive strips of tiny but highly powerful

antennas hidden under carpets; on the street; in trains; in planes; in cars; in buses; blasting through the walls of our homes; from our television sets; from fridges, hairdryers, milk cartons, babies' diapers, baby monitors, "smart"



phones, "smart" meters, and soon from the trillions of devices that are planned to be connected to the Internet of Things. This is not to mention the plethora of "wearables" and cell phone apps that purport to help you monitor your health status while seriously undermining it. The plan is to

beam 5G down to Earth from satellites in the Earth orbits, from networked civil aircraft, from pseudosatellites in the stratosphere ... In other words, from everywhere. The stated plan and the word trumpeted in the 5G literature is to “blanket” every inch of the Earth, with no escape for any of the approximately 100 million people worldwide already made sick by the toxic environment supplied courtesy of the first to fourth generations of WiFi, to which 5G will be *additional*.

There will also be no escape for the trees, which have to go as they block the 5G signals and risk interrupting the continuous signals



essential for self-driving vehicles, nor for the birds, the insects or the food chain. Any remnants of a sane, balanced, calm and quiet life will be wiped out by 5G, 4G, 3G, or any other G of wireless technology. We are complicit in our own destruction and, worse, in the wanton destruction of all life on this Earth.

Greed, fear, stupidity and hubris have brought us to this point, complemented by inanity, laziness, complacency and unconsciousness.

The 5G Dementors are coming In for the kill. The question is whether the people choosing to play out the Zombie Apocalypse on their “smart” phones can tear themselves away long enough to care. If they can, or if at least some of them can, they need to understand certain realities:

1. There is no safe limit for artificial EMR. It is alien to our biology.
2. Cell phones were never tested for health or safety and we should not be using them. They destroy us, our children, our fertility, our minds and our planetary home. Convenient they may be, but they have to go.
3. WiFi was never tested for health or safety and we should not be using it. It destroys us, our children, our fertility, our minds and our planetary home. Convenient it may be, but it has to go.
4. The problem with cell phones and [WiFi has nothing to do with power levels](#). Wireless technology cannot be made safe by reducing the power. There are effects at near-zero power, and for

some effects, there is an inverse power relationship, i.e. the lower the power, the worse the harm.

5. Electricity has been killing us slowly since its introduction. We need to constrain its use, not expand it. **Fibre-optic cable enables 5G.** If you don't want 5G because it's dangerous, don't build the infrastructure that it depends on.
6. Our bodies function on biophotons. Blue light from car headlamps and street lights – both of which for some unexplained reason suddenly are no longer fitted with diffusers – is killing us. Modulating light for LiFi would kill us faster and possibly even more effectively than 5G.
7. There is **ONE SOLUTION ONLY** to the problems of WiFi, cell phones and 5G: **STOP USING THEM.** All the time you pretend to ask the telcos to stop building this infrastructure while you pay them to do so, you are sending the opposite message.
8. **Wake up! Choose life! Choose love! Choose the Earth!**
9. Smash your phone, get a landline and cable your computer. Or you could keep your portable computer, just as long as it is never connected to WiFi and killing all life in your vicinity.

**It's not rocket science. It's not any kind of science.
It's simple common sense.**

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2. 5G QUOTES

- "In the truest sense, freedom cannot be bestowed; it must be achieved." **Franklin D. Roosevelt**
- "Activism is the rent I pay for living on this planet." **Alice Walker**
- "Thou shalt not be a victim, thou shalt not be a perpetrator, but, above all, thou shalt not be a bystander." **Yehuda Bauer**
- "Anything that is against nature will not abide for any length of time" **Charles Darwin**
- "It may well be that we will have to repent in this generation. Not merely for the vitriolic words and the violent actions of the bad people, but for the appalling silence and indifference of the good people who sit around and say, 'Wait on time.'" **Martin Luther King Jr.**
- "The foremost of all lessons is that all men shall have liberty; and no man's judgment shall be binding on another's; for all do not see alike, nor can they understand alike. So you shall be as

considerate to those who do not see My light, or My Person, as you are to those who are born in su'is [su'is is the ability to see and hear spiritual beings and things]; for they are of the same flesh and blood, and they have their spirits from the same Creator. For in the evidence of the past and present it is before you, that men endeavor to enforce their doctrines by saying: BEHOLD THE WORD OF ORMAZD! HE HAS SPOKEN THUS! AND I AM HIS PRIEST! BOW DOWN YOUR HEADS! Instead, man shall not bow down, but hold up his head and rejoice. Those who seek to enforce Me are My enemies. Nor have I said of this man or that: Hear him, for he is Truth. Shall the Creator make one greater than Himself, and thus cut Himself off? And yet the kings and priests of this day assume to be Truth in Ihua's (God's) name. And the mothers and fathers of many have become discouraged because of their great hardships; and they bring forth heirs who have eyes but do not see, ears but do not hear.

Oahspe, First Book of God: 24/17.17-21
(Scriptures from the time of Zarathustra)

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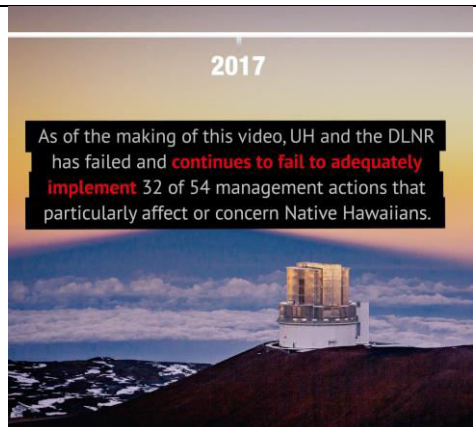
3. STOP 5G NEWS

- **WATCH: The 50-Year History of Mismanagement at Hawai'i's Mauna Kea - In just six minutes, this film provides context for the recent protests at the sacred site by N. Jamiyla Chisholm**

19 July 2019

<https://www.colorlines.com/articles/watch-50-year-history-mismanagement-hawaiis-mauna-kea>

Protests at Mauna Kea—like this week's standoff, where [Native Hawaiian elders were arrested](#) for protesting construction of the [Thirty Meter Telescope \(TMT\)](#)—have been happening since 1968, according to the short documentary "[Fifty Years of Mismanaging Mauna Kea](#)." Produced by advocacy group [Kanaeokana](#), the six-minute film presents a timeline going



back to 1964, when the Mauna Kea first caught the attention of the University of Hawai'i (UH) as an "exceptional site for astronomical observation" and the state designated the mountain a "conservation district" via the [Department of Land and Natural Resources](#). ...

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■ **Earth's magnetic field is mysteriously acting up, pushing North Pole towards Siberia**

11 January 2019

<https://www.rt.com/news/448550-magnetic-field-navigational-mystery/>

The north magnetic pole sped across the International Date Line last year at a rate of 55 km per year, **more than three times as fast as it moved before the mid-1990s**. Now located in the Eastern Hemisphere, it's moving away from Canada and approaching Siberia. ...

[Ed. Well, what a coincidence! Everything is always described as so "mysterious" when actually, in colloquial English, we would call it "the bleeding obvious". Dead fish, for example, washing up by the thousands on the Pacific coast of South America after Fukushima or hundreds of airline passengers on multiple flights all getting "flu" right after they installed intense WiFi from satellites enabling everyone to download simultaneously. Blinded by science, we are not allowed to draw our own concusions any more until it it has been "proven". Give me a break!]

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■ **Satellites have already started watching your every movement**

30 July 2019

<https://www.activistpost.com/2019/07/satellites-have-already-started-watching-your-every-movement.html>

According to *CNET*, the dramatic advances in [satellite imaging technology](#) in the last 10 years have

privacy advocates worried about the 24-hour surveillance. Satellite



companies claim that they keep a person's data separate from any identifying characteristics, but Peter Martinez of the Secure World Foundation is one of those still concerned about the constant monitoring of people. ...

Many countries have surveillance systems, but the countries in the Five Eyes, Nine Eyes and 14 Eyes alliances work together to share data on a massive scale, [according to a report by Cloud Wards](#). Innocent people are spied on every day. The Five Eyes, Nine Eyes, and 14 Eyes groups are big players in the global surveillance game. Each country involved can carry out surveillance in particular regions and share it with others in the alliance. ...

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■ Next-Generation global satellites could completely erase privacy: Massachusetts Institute of Technology (MIT)

4 July 2019

<https://www.activistpost.com/2019/07/next-generation-global-satellites-could-completely-erase-privacy-mit.html>

The emergence of low-cost micro satellites is a trend that I've been covering for several years. It has spawned [a global surveillance arms race](#) that has drawn interest from the usual military sources like GEOINT, DARPA and Lockheed Martin, as well as commercial interests such as DigitalGlobe and EarthNow, the latter of which received backing from Bill Gates.

The holy grail is, of course, to create a web of surveillance with the capability to access streaming HD video in real-time for any location on the planet.

Such activities worth looking at have been noted as "tracking illegal fishing, monitoring the weather and tracking natural migrations globally."

...

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■ Hacked highways? Connected cars could gridlock entire cities, study warns

30 July 2019

<https://www.activistpost.com/2019/07/hacked-highways-connected-cars-could-gridlock-entire-cities-study-warns.html>

Cybersecurity has quickly become a priority for large corporations,

businesses, and individuals alike in recent years. It seems like another major data breach is being reported every other week, and personal online accounts are often compromised by malicious actors. Now, a new study out of the Georgia Institute of Technology has found that hackers may soon be able to cause major [traffic](#) problems in the real world by hacking and stranding internet-connected cars. ...

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■ Smartphone app called “Me+Moo”

August 2019

<https://www.transients.info/roundtable/threads/my-brush-with-5g.6848/page-5>

[Ed. This sounds like a really great idea. It's a pity that it will kill all the cows, though. They obviously didn't read my earlier newsletters about all the cows that have died, lost calves and gone mad and/or blind due to exposure to EMFs. And see [cow deaths in France](#), below.]

The UK invented a smartphone app called “Me+Moo” for cattle farmers to track a 5G “connected” cow in order to receive the animal’s health and behavior on daily bases. The cows are put on collars which are 5G connected and instant data of the cows are send to the app everyday for the farmers to view. This data also include their diet and sleeping behaviour. Also, the 5G connected collars can detect whether they are sick or pregnant. The information of the cows can be sent to vets or nutritionist or to anyone who needed.

Although we still can not fully have the health of the animals to depend on the technology, it does make the farmers life easier and convenient and be able to provide the best needs for the animals.

Starday

EMF - 5G Explained - How 5G Works:"

<http://www.emfexplained.info/?ID=25916>

[Less-than-enthusiastic comment from another forum member: *Happy to be vegetarian/vegan but if I was a meat eater I would not want to eat a '5G connected cow' (not to think of the other toxic stuff in the meat already). It might even cause this millennium's version of Mad Cow Disease in the end.*]



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Mystery of 'suicidal' mice jumping to their deaths from aqueduct 2 July 2019

<https://www.mirror.co.uk/news/uk-news/mystery-suicidal-mice-jumping-deaths-17268822>

Video:

https://www.youtube.com/watch?time_continue=2&v=J6zQMw6CQIA

[Ed. Yet more stupid comments from someone in the Netherlands, like the earlier one talking about how all the birds fell out of the trees instantaneously and simultaneously due to competition for food during a cold snap.]



Experts in the Netherlands are puzzled by a huge number of field mice falling to their deaths from an aqueduct.

According to reports hundreds have been found in recent weeks - but no one knows why.

The strange phenomenon is happening in the city of Hommerts, where grim pictures

show dozens of dead rodents strewn across the pavements.

On Monday, [Sneeker Nieuwsblad](#) reports, 351 dead animals were found around the aqueduct. The previous day 140 of them were found. But no one knows who is responsible for solving the problem, or who should clear the mouse corpses up. ...

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■ Deux architectes chinois remportent le concours de design pour Notre-Dame

9 aout 2019

[Lanceur d'alerte.](#)

Hier, à 17:08 ·

Une horreur, garanti sans plomb
!?!?



Les architectes chinois Cai Zeyu et Li Sibeï viennent de remporter le Concours de design Notre-Dame du peuple (People's Notre Dame Design Competition) avec un projet spectaculaire de reconstruction du toit et de la flèche de la cathédrale Notre-Dame de Paris, intitulée «Paris Heartbeat». Le concours, organisé par GoArchitect, a réuni plus de 200 architectes de 56 pays. Selon la publication ArchDaily, plus de 30.000 personnes ont pris part au vote. (concours privé/non officiel) «Nous croyons que l'incendie de 2019 a marqué une nouvelle ère pour Notre-Dame», ont déclaré les architectes chinois lors de leur présentation.

Le projet « Paris Heartbeat » présente trois travaux de restauration de haut en bas :

- une nouvelle flèche avec une capsule de temps de Paris
- une tour de kaléidoscope de la ville
- un toit en miroir

Selon leur idée, le nouveau toit et la flèche de la cathédrale devraient combiner le souvenir des époques passées dont ce bâtiment a été témoin avec le présent et l'avenir.

Le projet chinois propose de construire le toit de la cathédrale et de la flèche en matériaux réfléchissants modernes de manière à «refléter le passage du temps et des changements dans le paysage parisien».

Selon la présentation du projet, le point central de la conception chinoise est une capsule temporelle de Paris qui pourrait flotter au sommet de la

flèche à l'aide de la technologie de la sustentation magnétique. Cette capsule serait conçue pour être ouverte tous les demi-siècles. La flèche elle-même, faite de miroirs, deviendrait une sorte de «kaléidoscope du paysage parisien».

<https://www.goarchitect.co>

[Ed. In brief: In a massive insult to the French people, Notre Dame's roof and spire are to be redesigned in Disney style by two Chinese architects. Notre Dame is of enormous symbolic significance to France, going right back, deep in French history.]

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■ Facebook fournira à la justice les adresses IP des auteurs de messages jugés « haineux »

26 juin 2019

https://www.revolutionpermanente.fr/Facebook-fournira-a-la-justice-les-adresses-IP-des-auteurs-de-messages-juges-haineux?fbclid=IwAR3TWrcZubKN6pBIKROKIQqCCslWQjSKI29WNA3e6_1C3W9NI-7FfrO0co

Voilà un nouvel accord qui va permettre de renforcer l'arsenal répressif de la Justice française. Cédric O ministre au numérique a conclu avec Facebook que ce dernier pourrait fournir les adresses IP des personnes ayant publié un contenu dits « haineux ». Un accord qui ouvre un peu plus la voie à la répression politique opérée par le gouvernement. ...

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■ Pampers joins huggies in selling “smart” diapers despite health warnings, privacy and security issues

20 July 2019

https://www.activistpost.com/2019/07/pampers-joins-huggies-in-selling-smart-diapers-despite-health-warnings-privacy-and-security-issues.html?utm_source=Activist+Post+Subscribers&utm_medium=email&utm_campaign=c365b326ce-RSS_EMAIL_CAMPAIGN&utm_term=0_b0c7fb7

Activist Post reported about Huggies' “Smart Diapers” in May. Now Proctor & Gamble has announced they will start selling their own “Smart” diapers in the fall. Unlike the Huggies line, their diapers will only track pee (not poo) but they will also track babies' sleep patterns.

The Lumi by Pampers line, which Pampers says has a waitlist ahead of its US launch this fall, includes an activity sensor that secures to a “landing” on the front of a baby's diaper. It comes with a baby monitor and a 10-day supply of diapers. The sensor works with a corresponding app to log the kid's pee and identify patterns. Additional packs of Lumi by Pamper diapers will be sold separately. Pricing has not been finalized.

Parents using the Lumi diapers will in theory not have to worry about

checking any of that because they'll get smartphone alerts. The app will display one of three diaper statuses: dry, wet, very wet. ...

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4. 5G ROLLOUT NEWS

- **T-Mobile cancels 5G installation nationwide. Anonymous employee blames 15 states' lawsuits against Sprint merger**

3 September 2019

https://www.activistpost.com/2019/09/t-mobile-cancels-5g-installation-nationwide-anonymous-employee-blames-15-states-lawsuits-against-sprint-merger.html?utm_source=Activist+Post+Subscribers&utm_medium=email&utm_campaign=3756069ff3-RSS_EMAIL_CAMPAIGN&utm_term=0_b0c7fb76bd-3756069ff3-387838753

... According to the [Wireless Estimator](#), T-Mobile is postponing new builds and 5G upgrades at least for now. A construction manager who wants to remain anonymous blames the 15 state attorneys general for filing lawsuits against the T-Mobile / Sprint Merger. Lawsuits have also been filed against the Federal Communications Commission (FCC) for [promoting and forcing 5G installation](#) throughout American communities (see [1](#), [2](#), [3](#), [4](#), [5](#)).

Anyone who lives where T-Mobile planned to start operating 5G can breathe a sigh of relief – at least for now. ...



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- **US: Oregon bill signed into law**

9 August 2019

<https://www.emfsa.co.za/news/oregon-senate-bill-283-orders-review-of-independent-peer-reviewed-literature-on-health-effects-from-microwave-radiation/>

Oregon Senate Bill 283 was signed into law on August 9, 2019 by the Governor, Kate Brown. It orders the review of the independent peer-

reviewed literature on the health effects from microwave radiation. As might be expected, there's very little media coverage. So please share and consider encouraging your state elected reps to establish a similar commission to (at the very least) "review the science".

Bill Title

Relating to exposure to radiation in schools in this state; and declaring an emergency.

Bill Summary

Directs Oregon Health Authority to review peer-reviewed, independently funded scientific studies of health effects of exposure to microwave radiation, particularly exposure that results from use of wireless network technologies in schools and to report results of review to interim committee of Legislative Assembly related to education not later than January 2, 2021.

<https://www.southeastexamin>

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■ **EU flagship initiative, the 5G declaration signed by EU ministers in Tallinn**

18 July 2019

<https://www.eu2017.ee/news/press-releases/icompet-eu-flagship-initiative-5g-declaration-signed-eu-ministers-tallinn>

A ministerial declaration about making 5G a success for Europe was signed, during today's informal meeting of competitiveness and telecommunications ministers on 18 July in Tallinn, Estonia.

The declaration of intent seeks to establish a **common baseline** on future **5G standards** and confirm the willingness of member states to position Europe as the lead market for 5G.

"Everybody and everything will be using **5G networks** to communicate in the future. And I am very glad that we managed to sign the declaration," stated the Estonian Minister for Entrepreneurship and Information Technology, **Urve Palo**.

"This indicates that all member states are thinking about the future and are willing to boost connectivity and Europe's digital competitiveness to the next level. 5G will allow faster internet connections across Europe and make it possible to develop new technologies, such as connected cars, innovative industrial machines and e-health initiatives for example," Added Minister Palo. ...

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■ **Kuwait Times: Threats to health from 5G technology**

1 September 2019

<https://www.timeskuwait.com/news/threats-to-health-from-5g-technology/?fbclid=IwAR2kmuZX5b2FLrOKAq4FtwhcKXxxHhK1ctFyJfmRU64AniBmORTbXLGPd2c>
The message is spreading – now in Kuwait ...

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■ **Russia: Putin does not release the popular frequencies for 5G to the operators - he agrees to leave them with the military - Vedomosti**

15 August 2019

<https://www.vedomosti.ru/technology/articles/2019/08/14/808820-putin-ne-otdaet>

Vladimir Putin's agreement

not to pick up frequencies for 5G from the military can be expensive for mobile operators

Putin imposed the "Agree" resolution on a letter from the Security Council with a negative position on allocating 3.4-3.8 GHz frequencies for the development of fifth-generation (5G) communication networks in Russia. Four people told Vedomosti about this: an employee of one of the relevant departments, an employee of a telecom operator, an employee of one of the telecommunications companies, and a friend of other participants in the 5G discussion in Russia. The authors of the letter also considered that it was impossible to use the band together - for the development of 5G and the current maintenance of departments at these frequencies, two Vedomosti interlocutors specified.

The fact that the Security Council does not support clearing the 3.4-3.8 GHz band for the development of 5G was announced in early June by RBC with reference to two federal officials. Then the representative of the Security Council denied the existence of such a letter and stated that the issue was not discussed at Security Council meetings. On August 14, a representative of the Security Council declined to comment.

5G mobile Internet speed will exceed 1 Gb / s. In 4G networks currently in



Oleg A. Grigoriev @O_Grigoriev · 9 Std.

President #Putin imposed the "Agree" resolution on a letter from the Security Council with a #negative position on allocating 3.4-3.8 GHz frequencies for #5G networks in Russia



Путин не отдает операторам популярные частоты для 5G
Он согласился оставить их у военных
vedomosti.ru

use, the peak data rate is only 150 Mbps. In practice, a large group of users — subscribers, smart cars, systems of smart homes and cities — should receive high speed in the new generation. ...

The range of 4.4–4.99 GHz is close to 3.4–3.8 GHz in terms of technical specifications, but it does not have much equipment, and **it will only become mass accessible in 5–7 years**, the representative of Megafon notes. In addition, 4.4-4.99 GHz is often used in the world for on-board aircraft electrical equipment - this further limits its potential, he adds. Tele2 representative estimates the lag on subscriber devices for 4.4–4.99 GHz at 3-5 years, Muratov at 2-3 years for different devices. According to Konarev, various Huawei devices - some smartphones, base stations and other products - already support 4.8-4.9 GHz, among other bands. ...

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■ Swiss Community resistance slows 5G rollout

15 August 2019

https://www.swissinfo.ch/eng/society/mobile-network_community-resistance-slows-5g-rollout/45163750?utm_campaign=swi-nl&utm_medium=email&utm_source=newsletter&utm_content=o

Swisscom and other providers have faced strong resistance in some communities in Switzerland to the installation of 5G networks.

Swisscom is sticking to its goal of covering 90% of Switzerland with 5G mobile network by the end of the year despite slower-than-expected rollout. Further delays due to community pushback could threaten Switzerland's mobile leadership position, the company warns.

Switzerland's largest telecom provider took the opportunity of its half-yearly results release on Thursday to offer a word of caution about more setbacks in the rollout of 5G network.

"If further delays occur, we run the risk of no longer being able to cope with the enormous growth in data," Swisscom CEO Urs Schaeppi said in a [press releaseexternal link](#).

He added that this could cause Switzerland to lose its leading position in the mobile communications business as higher data volumes deteriorate the mobile phone networks.

+ Read more about how Switzerland is developing 5G in the country

Swisscom along with the two other main providers Salt and Sunrise has faced strong [community resistance](#) to plans for 5G network expansion. One survey found that 54% of Swiss citizens believe 5G could be damaging to their health.

In addition to Switzerland, the company aims to reach 90% 5G coverage in Italy by 2026. The company invested CHF196 million for the mobile radio frequencies for the 5G network in Switzerland in the first half of the year.

■ Le virage numérique suisse est menacé

9 mars 2018

https://www.letemps.ch/economie/virage-numerique-suisse-menace?fbclid=IwAR1lh7vwi ceoCvNmynO6Ay04HdzCSO _aen-0aXQ3Xw782t6YSIP-fhte000



Le Conseil des Etats a refusé d'assouplir une ordonnance sur le rayonnement émis par les antennes de téléphonie mobile, compromettant le lancement, en 2020, de la 5G. Les opérateurs télécoms sont furieux, mais les milieux de la santé demandent d'être prudents

Il ne s'en est fallu que d'une voix. Par 22 voix contre 21, le Conseil des Etats refusait ce lundi d'assouplir la réglementation sur les antennes de téléphonie mobile. La Suisse conservera ainsi une ordonnance fixant des valeurs de rayonnement non ionisant maximales dix fois plus basses que dans l'Union européenne. Ce vote d'apparence anodine pourrait avoir des conséquences majeures sur la numérisation du pays, avertissent les opérateurs télécoms, pour qui le déploiement de réseaux 5G est désormais compromis. En face, leurs opposants affirment que la santé de la population doit primer.

Swisscom avait effectué, avant le vote de lundi, un important travail de lobbying, contactant les sénateurs un à un. En vain. Désormais, l'opérateur prévient: «Les réseaux de téléphonie mobile risquent de s'effondrer.» Dans son argumentaire, l'entreprise affirme «qu'au vu des valeurs limites de l'ordonnance sur le rayonnement non ionisant (ORNI), 90% de nos sites dans des zones urbaines ne peuvent pas être équipés avec des antennes 5G car ils n'en ont simplement pas la capacité». ...

Lire aussi: [En Suisse, la future 5G suscite de vives tensions](#)

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■ France: Compteur Linky : la justice donne raison à 13 plaignants électrosensibles (A Bordeaux court of law has ordered the smart meter provider to shield 13 meters at homes of electrohypersensitive people)

24 avril 2019

<https://www.femmeactuelle.fr/sante/news-sante/compteur-linky-la-justice->

[donne-raison-a-13-plaignants-electrosensibles-2077743](#)

Justice de Bordeaux donne raison aux électrosensibles - compteurs - pour installer un filter

Après une décision de justice, 13 anti-compteurs Linky électrosensibles vont pouvoir bénéficier de la pose d'un filtre dans le but d'être protégés de ondes électromagnétiques.

C'est une petite victoire pour les opposants au [compteur Linky](#) : le Tribunal de Grand Instance de Bordeaux a donné raison à 13 des 206 plaignants qui avaient engagé une action en justice contre l'installation ce compteur électrique créé par Enedis. ...

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- **Krakow City Council adopts resolution to call for a halt to the legislation to roll out 5G passed by the Polish parliament on 4 July and application of the precautionary principle**

17 July 2019

https://www.bip.krakow.pl/_inc/rada/posiedzenia/show_pdfdoc.php?id=107792&fbclid=IwAR2P6aUn9RMqq6-oZ-24k-n4j0kPPI19Tuok6WgC20RxzczSsV_Qnq0t7p8

Krakow City Council
in session on 17th July 2019

adopts the following **resolution** concerning the amendment of the regulations of the Act on supporting the development of telecommunication services and networks and some other Acts
(bulletin no 1225, the so called "Telecommunications Superact")
directed to President of the Polish Republic, Marshal of the Senate,
and Senators of the Polish Republic

Krakow City Council, concerned about reports from the session of the Committee for Environment Protection, Natural Resources and Forestry of Sejm held on 16th July 2019 where it was confirmed that 5G would be launched without any prior research on its safety for the people and the environment, and that the Telecommunications Superact, amended by the Parliament voting on 4th July 2019, contains regulations that directly violate the constitutional right to protect life and health as well as the ownership rights, adopts the present resolution.

Krakow City Council, reminds that it informed the Members of Polish Parliament, already three times, by the resolutions taken in 2012, 2014 and 2015, about the uncontrolled development of wireless technologies and the lack of real control of national administration bodies over this important element of natural environment. Those concerns were confirmed by numerous rulings of the Administrative Court in Warsaw and the Supreme Administrative Court in favor of the citizens.

The lack of real control of the State over the development of wireless telecommunications services was confirmed in two reports by Supreme Audit Office: the one published in 2015 concerning the administrative proceedings connected to building and functioning of cellular phone base stations in Krakow and another, from 2019 concerning the readiness of sanitary and environmental inspections bodies to protect people and environment from artificial EMFs pollution.

There is a rising feeling of discomfort among people in Poland, especially in cities, because of exposure to artificial high frequency EMFs, generated by cellular phones base stations' antennas, mobile terminals (smartphones, tablets), Wifi systems etc. The current situation is getting worse due to introducing subsequent mobile systems 3G, 4G, and currently the 5G. Numerous protests of citizens, described by NGOs and covered by media, reflect the problem.

Krakow City Councillors recognize that life and health of citizens, especially children and youth, is the most precious value. Innovative character of Polish economy shall be developed through implementing the Industry 4.0, on the base of new technologies, in accordance with the constitutional rule of sustainable development. We support all new technological solutions which respect the constitutional rights of citizens and environmental safety of current and future generations of Polish people.

We call for halting the legislation process proceeded in the Senate at this moment, and reconsidering the implications of that regulations and theses contained in the statement of reasons of the governmental amendment project of the Superact. We wish to draw your attention to the urgent need to prepare a gain/loss summary for respective digitalization process participants, taking into account all the stakeholders, including self-governments. We would like you to focus on the energy intensity of wireless technologies, including 5G, that is connected with the additional CO₂ emissions. At the same time we would like to point to the existing need to provide people with the real protection from the extensive exposure to artificial EMFs generated by new technologies.

We support the application of precautionary and prevention rule in the process of developing mobile services in Poland. Implementing the above mentioned rules in environmental protection shows the future oriented approach and is the effect of the responsibility of current generation for the future and life quality of our children and grandchildren.

It is a priority to initiate such legislation process, above all the divisions and politics, that would allow further development of new technologies embedded in Poland's economic development, but at the same time protect the basic rights of our citizens, primarily the life and health protection right.



■ Telecom lobbying: \$80M in 2018 and \$1.2B since 1998. Details on who spent how much and why this matters

24 August 2019

https://www.activistpost.com/2019/08/telecom-lobbying-80m-in-2018-and-1-2b-since-1998-details-on-who-spent-how-much-and-why-this-matters.html?utm_source=Activist+Post+Subscribers&utm_medium=email&utm_campaign=6e1eb548c1-RSS_EMAIL_CAMPAIGN&utm_term=0_b0c7fb76bd-6e1eb548c1-387838753

Lobbyists have a bad name for good reason. *Activist Post* has reported

before about telecom and tech companies spending beaucoup bucks to sway elected officials and government employees to force the installation of risky technology – including utility “Smart” Meters and 5G – in communities across the U.S. (see 1, 2, 3, 4, 5).

Thanks to Comparitech.com for providing more nauseating details in this recent article, “**How much does your ISP spend on lobbying?**” ...

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■ India sees record smartphone shipments of nearly 40 mln units in Q2

13 August 2019

https://www.telecompaper.com/news/india-sees-record-smartphone-shipments-of-nearly-40-mln-units-in-q2--1304486?utm_source=headlines_-_english&utm_medium=email&utm_campaign=14-08-2019&utm_content=textlink

The Indian smartphone market saw its highest ever second quarter shipments of 36.9 million in the second quarter of 2019, which represents an increase of 9.9 percent year-on-year and 14.8 percent quarter-on-quarter, according to a report from IDC. A total of 69.3 million mobile phones were shipped to India in the second quarter of 2019, up 7.6 percent sequentially.

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■ Expensive 5G phones overheat and switch back to 4G; “remedies” include ice packs and cranking A/C

30 July 2019

<https://www.activistpost.com/2019/07/expensive-5g-phones-overheat-and-switch-back-to-4g-remedies-include-ice-packs-and-cranking-a-c.html>

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■ French farmers sue the state over mystery cow deaths they blame on electromagnetic fields

26 April 2019

<https://www.telegraph.co.uk/news/>

2019/04/26/french-farmers-sue-state-mystery-cow-deaths-blame-electromagnetic/?fbclid=IwAR2yABzDwqNaRYnO6T1PVpflyrkGGCZRxonCf2OtCubRIZBNCvk_UJIGFw

A group of French cattle farmers is suing the state over the

mysterious death of hundreds of cows, which they believe are the victims of harmful electromagnetic fields.

Local vets are at a loss to explain the deaths.

Stéphane Le Béhec, 51, a Breton farmer in Allneuc, has lost 200 cows who died of unknown causes in the past three years and is closing his business.

He has identified several potentially harmful sources, including a transformer, mobile transmission towers and wind farms whose electric currents he says blight his land. "I noted that the voltmeter reacted strongly when I stuck it in the ground or in water," he told Le Parisien. He has filed a legal complaint against "persons unknown" with the local prosecutor.

Patrick Le Néchet, another farmer in nearby Prénessaye, has lost 120 cows in similarly mysterious circumstances in the past five years.

"This week, he found a dead calf by its mother. Sometimes we find three in one go. We never know what we'll find," he said.

"We also have had blind calves with holes in their heads and deformed limbs that end up going round in circles and banging their heads on the walls," he added. Others can no longer walk or refuse to be milked and produce very little, as well as bullocks that are stunted.

The local agricultural chamber referred him to a geobiologist who noted that the water on his property carried a high amount of electricity, potentially linked to a neighbour's photovoltaic station.

These are far from isolated cases, with ten registered in Brittany alone in the past two years. In two, the deaths started after the installation of wind farms. Others have been registered in Normandy and the Sarthe.

"They let farmers die when they have known there is a problem for the



past 25 years and it's getting worse," said retired farmer Serge Provost, who told Le Parisien that the geology of the local soil and its conductivity is not sufficiently taken into account when installing high-tension pylons and other electrical devices.

A group of concerned farmers met on Friday in Le Mans to launch legal action demanding state compensation.

The French government first ordered a study into the potentially harmful effects of electromagnetic fields on livestock in 1998, which proved inconclusive.

Several recent scientific studies in other countries suggest that dairy cows are sensitive to earth currents, which can have negative health effects on them.

Last year, an analysis of 97 studies by the EU-funded review body EKLIPSE concluded that electromagnetic radiation from power lines, wi-fi, phone masts and broadcast transmitters poses a 'credible' threat to wildlife - in particular to insect and bird orientation and plant health.

However the charity Buglife warned that despite good evidence of the harms there was little research ongoing to assess the impact, or apply pollution limits.

"There is a real problem that we need to deal with," said Claude Allo, president of a French working group tasked by agricultural chambers to look into the issue.

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■ Judge overturns 5G deregulation court case – FCC still wants to install it everywhere despite increasing opposition and no proof it's safe

12 August 2019

https://www.activistpost.com/2019/08/judge-overturns-5g-deregulation-court-case-fcc-still-wants-to-install-it-everywhere-despite-increasing-opposition-and-no-proof-its-safe.html?utm_source=Activist+Post+Subscribers&utm_medium=email&utm_campaign=8c8dc9d74b-RSS_EMAIL_CAMPAIGN&utm_term=0_b0c7fb76bd-8c8dc9d74b-387959801

The good news is that [the FCC has] lost another court case on 5G deregulation. The bad news is these folks don't ever seem to give up, **5G is already running** in some U.S. cities, **people are sick**, and more cities are scheduled to start operating it this year. ...

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■ Emerging problems for the 5G bandwagon by Timothy Schoechle, PhD

August 2019

Timothy Schoechle, PhD is an international consultant in computer and communications engineering and policy based in Boulder, Colorado. He is a Senior Research Fellow of the National Institute For Science, Law and Public Policy.

Despite all the media advertising, journalistic gloss, and industry bravado, 5G wireless has encountered a growing number of problems at local, state, national, and international levels.

1. Lagging industry investment
2. Carrier reliance on coerced subsidization by local communities
3. Trade war turmoil, especially regarding China
4. Complaints over cyber-security risks and state spying
5. Public health concerns over RF radiation risks.
6. Trump's attack on Huawei and on China
7. Google's Trump disruption of the Android ecosystem
8. Qualcomm's loss of FTC antitrust challenge over its patents
9. NYT fake news story attack against radiation complaints blaming Russia
10. Safety concerns over mm waves and lack of research on large scale health effects
(i.e., public as guinea pig)
11. Mounting widespread local grassroots opposition
12. Court challenges to state and federal preemption by cities, associations, and environmental groups
13. Incomplete spectrum allocation
14. Cost of spectrum and lack of cooperation among telecom operators
15. Internal industry squabble over "5G" misrepresentation (e.g., AT&T's "5Ge")
16. Incomplete technical standards
17. Huawei's patents on key 5G technology and standards (e.g., 2300 Huawei 5G patents)
18. Huawei's prominence in the standards setting process
19. Dearth of equipment and phone manufacturers (dependency on China)
20. Uncertainties over mm wave propagation characteristics and performance
21. Lack of credible applications requiring 5G
22. Lack of real need for 5G
23. Emerging public concerns over privacy, security, and surveillance
24. Emerging public concerns over smartphone social and political

dysfunction

25. Conflicts with NOAA satellite earth data collection systems

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■ High-stakes dispute turns nasty, pits 5G technology against weather forecasting

5 August 2019

<https://www.seattletimes.com/seattle-news/will-5g-satellite-deployment-undermine-noaa-weather-forecasting/>

The National Academy of Sciences planned a two-day summer workshop to address a high-stakes question: Could the development of next generation 5G wireless undermine the accuracy of information gathered by weather satellites?

On July 16, less than a week before the scheduled start, the event was canceled because many of the “most knowledgeable about the topic” were reluctant to participate, according to a statement released by the National Academy of Sciences.

The science workshop was a casualty of a nasty dispute within the federal government that has pitted Federal Communications Commission (FCC) officials who say the 5G technology can be safely developed against NASA and National Oceanic and Atmospheric Administration officials who say tighter restrictions are needed to prevent a serious threat to data collection by polar-orbiting satellites. ...

Pai said in the letter that the FCC had concluded that current regulations, which would allow the power of transmissions on that portion of the spectrum at -20 decibel watts. He said this would be sufficient to prevent interference with the satellite weather gathering equipment.

But the Northrop Grumman briefing paper, citing an internal corporate analysis, concluded that a much lower transmission limit of -58 decibel watts is required to protect the weather satellite monitoring. Without such a limit, “we have indications that proliferation of 5G systems using 24 GHz (gigahertz) frequencies will make our current and future systems less accurate, or even unusable ...,” the document stated. ...

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■ Austrian parliament commissions study on 5G health effects

8 August 2019

<https://www.telecompaper.com/news/austrian-parliament-commissions-study-on-5g-health-effects-1304116?fbclid=IwAR2RIQ9GcvuHcFsw7o2ILl8HouAzqz089SHA-sWnRcoldOp83nOH8BIQlr>

Article from Telecompaper, 9 August 2019

Comment from a reader:

A short article with a promising title: The Austrian parliament commissions a study on 5G health effects. One could easily think that, at last, the requests of thousands, who were asking to see the proof of safety, is being addressed. We heard already a report of several Austrian citizens who feel reassured by the good news and are going back to their daily duties, with the impression that the experts are going to take care of the matter.

Now that there are less readers, some of us dare to use their human logic and common sense. A study on health effects must involve experts in human health, such as doctors, right? In the case of 5G, any medical specialists who have experience in also caring for categories of people with special needs, such as pregnant women, small children, unborn babies and elderly. Now why do we have a nagging feeling that this is too much to ask?

The one per cent, not yet completely discouraged, dares to take a look at the article. Here is a quote: "The Advisory Council on Technology Assessment of the Austrian Parliament has decided to obtain expertise in the field and appointed a consortium of the Institute for Technology Assessment of the Austrian Academy of Sciences and the Austrian Institute of Technology". Now anyone who knows Austria knows that those institutes are hand in hand with the tech industry. Sorry, this is all about the so-called safety levels from ICNIRP and other technical considerations.

Did we really think that they would put a beehive against a 5G antenna and document the death of the bees?

We find ourselves once again in the algorithm of the 21st century robotic mind

Too many people must have phoned the Austrian Parliament, asking for a safety study.

Faced with the need to provide the proof of safety to the "concerned public", the technocrats decided to do just exactly that to calm the docile taxpayers: the proof of safety will be provided.

If you want English, says a friendly robot, Press 1.

If you want German, Press 2.

If you want the study, Press 1.

#1. #1.

Oops, the study has little content.

You don't believe us? Read the article. Read on the Institute for

Technology Assessment. Read on the Austrian Institute of Technology.
[Ed.: The Austrian Institute of Technology promotes “smart” cities
(<https://www.ait.ac.at/en/research-topics/digital-resilient-cities/>) and the
Austrian Academy of Sciences promotes “smart” grids
(<https://www.oeaw.ac.at/ita/en/topics/smart-grids/>) We can look forward to
an unbiased report then (not).

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■ FCC Proposes No Change of Its RF Standards

10 August 2019

<https://microwavenews.com/short-takes-archive/fcc-rf-limits>

Existing rules will apply to 5G phones and infrastructure

After six years of study, the Federal Communications Commission (FCC) has decided not to revise its current safety limits for RF radiation. The rules, which were first adopted in 1996 and are the only ones governing cell phone exposures in the U.S., will continue to be based only on thermal effects.

“After a thorough review of the record and consultation with [the FDA and other health] agencies, we find it appropriate to maintain the existing radiofrequency limits, which are among the most stringent in the world for cell phones,” said Julius Knapp, the chief of the FCC’s Office of Engineering and Technology.

Some had wanted the FCC to harmonize its limits with those of ICNIRP, which are considerably more permissive for cell phone exposures. The ICNIRP standard is 2 W/Kg, averaged over 10 g of tissue, while the FCC limit is 1.6 W/Kg over 1 g. The larger averaging volume alone makes the ICNIRP standard less stringent by two- to threefold (see [MWN](#), [J/A00](#), p.8).

In the FCC [announcement](#), issued today, Chairman [Ajit Pai](#) cites the support of [Jeffrey Shuren](#), the director of the FDA’s Center for Devices and Radiological Health. “The **available scientific evidence to date does not support adverse health effects in humans** due to exposures at or under the current limits...” Shuren told the FCC, adding, “No changes to the current standards are warranted at this time.”

FCC officials said at a press briefing that there’s “nothing special about 5G,” according to a report from [CNET](#). They went on to argue that the scientific evidence to date indicates that, in terms of causing health effects, 5G is no different from any other cellular technology, including 4G or 3G. The higher-frequency signals (millimeter waves) used to deliver 5G

also **pose no health risk**, they said, pointing out that the existing RF exposure guidelines apply to 5G.

The FCC first announced its plan to review the agency's RF rules in March 2013 in a 200-page [filing](#).

For more on the FCC and RF safety, go [here](#).

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- **Netherlands right-wing Forum for Democracy wants a moratorium on 5G (video in French) / la 5G remise en question par le plus grand [??] parti politique Néerlandais**

19 August 2019

<https://www.youtube.com/watch?v=frxq3j96f8k>

Le plus grand parti politique [??] Néerlandais, qui vient de naître il y a deux ans, remet en question le déroulement du 5G.

Forum voor Democratie in the Netherlands wants a moratorium on 5G: But I see nothing about this on their own website:

<https://forumvoordemocratie.nl/>. They are a new and minor right-wing party, but growing fast:

https://en.wikipedia.org/wiki/Forum_for_Democracy.

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- **RCR Wireless Reports About Where There Is Increasing U.S. Opposition to 5G Small Cell Deployment**

30 August 2019

https://www.activistpost.com/2019/08/rcr-wireless-reports-about-where-there-is-increasing-u-s-opposition-to-5g-small-cell-deployment.html?utm_source=Activist+Post+Subscribers&utm_medium=email&utm_campaign=2bad810327-RSS_EMAIL_CAMPAIGN&utm_term=0_b0c7fb76bd-2bad810327-387959801



Opposition to 5G installation in the U.S. is increasing and for many good reasons. In February, telecom executives gave [congressional testimony](#) that they had NO scientific evidence that exposure isn't harmful. Many doctors and scientists warn exposure IS harmful (see [1](#), [2](#), [3](#)). Opposition and warnings about widespread 5G installation have also been cited by environmentalists (see [1](#), [2](#), [3](#)), engineers (see [1](#), [2](#)), [meteorologists](#), [NASA](#), [NOAA](#), the [U.S. Navy](#), [security experts](#), [utility companies](#), and even

[tech enthusiasts](#). Lawsuits have also been filed against government regulatory agency Federal Communications Commission (FCC) for forcing its installation (see [1](#), [2](#), [3](#), [4](#), [5](#)). ...

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■ **SWITZERLAND / LA SUISSE / SCHWEIZ: Sunrise: le patron réclame un engagement politique pour la 5G**

15 juillet 2019

<https://www.bilan.ch/techno/sunrise-le-patron-reclame-un-engagement-politique-pour-la-5g?fbclid=IwAR0ROW1xFj3PNOcVeqRWfNenUeTQcjwRTf4uK2FhGbnJripujArOqRA5nXg>

Le CEO de Sunrise a estimé qu'avec la politique, la branche a échoué à contredire les fausses informations sur la 5G. ...

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■ **Arrivée de Free dans la 5G : des premiers tests bientôt prévus à Paris**

5 August 2019

<https://www.bulletindescommunes.net/arrivee-free-dans-5g-premiers-tests-bientot-prevus-paris/>

Arrivée de Free dans la 5G : l'opérateur rejoint ses concurrents

Depuis le 18 avril dernier, l'arrivée de Free dans la 5G est devenue réalité. En effet, Free Mobile a reçu l'autorisation de l'ARCEP d'utiliser la bande de fréquences 3400-3800 MHz. Plus classiquement, cette tranche est appelée la bande 3,5 GHz.

Des premiers tests imminents

Désormais, en tant que quatrième opérateur français, Free Mobile, jusqu'à présent en retard par rapport à ses trois autres concurrents, va pouvoir effectuer ses premiers tests techniques sur des supports 5G. Ainsi, l'arrivée de Free dans la 5G a franchi une première étape. Cette expérimentation aura lieu au niveau du grand incubateur de startup Station F, situé au sud-est de Paris. Cette structure avait été lancée en 2017 par Xavier Niel, également fondateur de Free Mobile. Pour l'instant, l'utilisation de la bande de fréquences accordée par l'ARCEP est provisoire. Elle doit durer six mois, entre le 1er juin et fin novembre. En France, le déploiement effectif du réseau 5G doit commencer dès 2020.

Un retard à combler ...

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■ Just be evil: Leaked Google Documents Prove Mass Censoring (Including David Icke.com), Election Tampering

16 August 2019

<https://www.davidicke.com/article/549850/leaked-google-documents-prove-mass-censoring-including-david-icke-com-election-tampering>

... Leaked by whistleblower, activist and Google employee Zachary Vorhies reveal black-and-white proof that the Big Tech giant is violating its mission statement, engaging in widespread censorship and tampering in US politics/elections. Vorhies, to whom you can listen in interviews with Project Veritas and InfoWars, has taken 950+ pages of **internal Google documents** and made them freely available on the website of [Project Veritas](#). The docs contradict public statements by Google, including testimony under oath given to Congress by Google CEO Sundar Pichai, who tried to claim that Google's algorithm was fair, unbiased and not rigged. The docs include a **blacklist of alternative sites** (many libertarian and conservative/right-wing, but also some non-partisan) which Google was intentionally downgrading, de-ranking and burying. Google does this in order to be an **information gatekeeper** in line with its own ideological bias – and also to enact **perception control** on the population, behalf on its [MIC](#) masters in the shadows. ...

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5. ARTICLES

■ 5G Danger: 13 reasons 5G wireless technology will be a catastrophe for humanity by Makia Freeman

13 June 2019

<https://www.globalresearch.ca/5g-danger-13-reasons-5g-wireless-technology-will-be-a-catastrophe-for-humanity/5680503>

Here are 13 reasons exposing the 5G danger, which could turn into an unmitigated health and privacy catastrophe if enough people don't rise up to stop it.

1. 5G hijacks your sweat duct antennae.
2. 5G amplifies EMF damage via VGCCs.
3. 5G pulsed waves are far more damaging than continuous wave radiation.

4. 5G promotes deep EMF penetration.
 5. 5G is a weapons system disguised as a consumer convenience.
 6. 5G: LA firefighters develop ailments after being too close to towers.
 7. 5G uses same frequencies as used for crowd dispersal.
 8. 5G is possibly mutagenic (causing DNA damage) and carcinogenic (causing cancer).
 9. 5G is phased array densification.
 10. 5G: is it killing all the insects?
 11. 5G danger: space-based 5G.
 12. 5G re-radiates inside the body.
 13. 5G danger: insurance companies refuse to underwrite big wireless.
- What do they know? ...
- Ultimately, 5G is part of the NWO agenda to set up a giant, inescapable command and control grid that eliminates all privacy and allows the manipulators to surveil every single person on the planet all the time. If there was ever a time for activists to step up in the name of freedom, truth, health, privacy and sovereignty, now is the time.

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■ La résistance à la 5G : Les dominos commencent à tomber (article original d'avril 2019)

16 août 2019

https://exoportail.com/la-resistance-a-la-5g-les-dominos-commencent-a-tomber/?fbclid=IwAR3CgbnvcLAHGe8GJ35R-deQFxfyy5RunU_6eht5zwndDevRGOfvbqf8js8

[Correction : le premier ministre polonais n'a pas signé l'Appel International pour Arrêter le déploiement de la 5G sur Terre et en Espace. Le traducteur a ajouté ce fait, mais c'était du « fake news ».]

Comment arrêter le déploiement d'une technologie de 12 billions de dollars promue par l'une des industries les plus rentables de la planète et détruite au bulldozer par l'UE, la FCC et l'ensemble des Nations Unies ?

... Pour moi, cela a toujours été un problème d'information. Si le public comprenait simplement la menace existentielle que représente l'adoption d'une arme militaire comme technologie de communication, il ne l'accepterait pas.

Le défi d'informer les gens est double. Le nom «5G» est trompeur, impliquant une simple mise à jour par rapport à l'actuelle 4G ou quatrième génération sans fil. De nombreux routeurs WiFi affichent maintenant «5G» comme option de mode, mais cela signifie «5GHz» dans ce contexte, et non pas «5G réel» – un stratagème de l'industrie pour normaliser

l'acceptation du terme par obscurcissement intentionnel. ...

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■ 5G: The Dominoes Are Starting To Fall

April 2019

<https://takebackyourpower.net/5g-the-dominoes-are-starting-to-fall/>

How do you stop the rollout of a **12 trillion dollar technology** promoted by one of the most profitable industries on the planet and bulldozed through by the EU, FCC and the whole UN, most notably its WiFi enablers, WHO and ITU?

Many people have said it's impossible. But even as the Trump administration **attempts to ram through 5G** in the United States, the dominoes are indeed falling around the world, as cities and entire nations are coming to their senses and putting the brakes on 5G. ...

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■ BBC Fake News on 5G Decoded

26 August 2019

<https://www.globalresearch.ca/online-bbc-fake-news-5g-decoded/5687055>

Open letter to the "Under the Radar" BBC Programme Producer

... While I applaud your efforts to bring to public notice the concerns about 5G being rolled out without a single prior test to ascertain its implications for health or safety, and your success in finally persuading the BBC to at least *mention* some of those concerns, albeit via a rather minor and short radio programme rather than by doing this unprecedented planetary emergency justice by treating it in a full-length television programme, you seem oblivious to the bias evident in the production of the programme.

Let us examine how the impression is created in this programme that those who oppose 5G are somehow ignorant and foolish tin-foil-hat-wearers instead of who they really are: fully informed and intelligent individuals qualified and experienced in the field of electromagnetic fields (EMFs) who are seriously alarmed by the facts about 5G and its very real consequences extrapolated from the science on the devastating impacts of wireless generations 1-4. ...

Dear 5G Concerned,

I have now called the BBC Complaints Line (again) to give them a piece of my mind regarding their appalling coverage of 5G. I didn't mince my words..... I said it was bias, gross negligence, corruption and that by not

informing people correctly they were not only failing in their Duty of Care but also complicit in a Crime against Humanity.

Your turn! Let's create an avalanche forcing them into action: 0370 010 0222

NB: First press option 1 then option 3 and it will take you to a person noting your complaints.

The 5G Rebel

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■ BBC Fake News sur la 5G Decodées

26 aout 2019

[A venir.]

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■ Is Google creating a voice-activated search engine for TODDLERS? Tech giant files patent amid fresh privacy concerns

22 July 2019

<https://www.dailymail.co.uk/sciencetech/article-7273103/Is-Google-creating-voice-activated-search-engine-TODDLERS.html>

Google is potentially creating a search engine for toddlers, despite recent privacy scandals.

The tech giant has filed a European patent, entitled Gamifying Voice Search Experience for Children, which gives it exclusive rights to develop the concept.

Aimed at nursery-age youngsters, the prospective product would use a child-friendly bubble-interface to engage with infants.

This would be separate to Google Assistant, which already allows people to conduct voice-activated searches on their devices.

However, education experts have raised concerns over the risk of potential privacy violations, such as those associated with Amazon's Echo Device, plus the dangers of making children addicted to technology. ...

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■ Google whistleblower confirms they use algorithms to censor: “Algorithms don’t write themselves” by Mac Slavo

25 July 2019

https://www.activistpost.com/2019/07/google-confirms-they-use-algorithms-to-censor-algorithms-dont-write-themselves.html?utm_source=Activist+Post+Subscribers&utm_medium=email&utm_campaign=756eb783a6-RSS_EMAIL_CAMPAIGN&utm_term=0_b0c7fb76bd-756eb783a6-387959801



Editor’s update: Project Veritas has learned

that Greg Coppola has been placed on administrative leave by Google.

Senior Google software engineer, Greg Coppola, has dismissed the idea that Big Tech is “politically neutral” and called out his company as “very biased,” [joining Project Veritas’](#) growing stable of whistleblowers. Coppola said that Google has “merged” with the Democrat party.

“I’m very concerned to see Big Tech and Big Media merge basically with a political party, with the Democratic party,” Greg Coppola, a Googler since 2014 who works on the AI Google Assistant, [told Project Veritas](#). The real question Coppola posed is “Are we going to continue to think for ourselves or are we going to just let the biggest tech companies decide who wins every election from now on?” [And according to a report by RT](#), Coppola says that he knows Google is attempting to manipulate public thought. ...

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■ Three years of misery inside Google, the happiest company in tech

13 August 2019

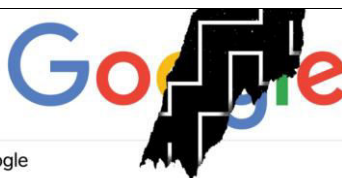
https://www.wired.com/story/inside-google-three-years-misery-happiest-company-tech/?utm_term=list_p&utm_source=nl&utm_brand=wired&utm_mailing=WIR_Special_Cover_081319&utm_campaign=aud-dev&utm_medium=email&bxid=5cfd4ab4fc942d636d2867e5&cndid=57487382&esrc=bounceXinline&source=EDT_WIR_NEWSLETTER_0_DAILY_SPECIAL_EDITION_COVER_ZZ

Sexual harassment. Hate

speech. Employee walkouts. The Silicon Valley giant is trapped in a war against itself. And there’s no end in sight.

... “Weaponized AI is probably one of the most sensitized topics of AI—if not THE most. This is red meat to the media to find all ways to damage Google.” ...

HR had become “weaponized,” they said; Googlers on both sides of the battle lines had become adept at working the refs—baiting colleagues into



is google

is google biased

is google hiding something

is google the best hope for the future of tech

is google tearing itself apart

saying things that might violate the company's code of conduct, then going to human resources to report them. But Googlers on the right were going further, broadcasting snippets of the company's uncensored brawls to the world, and setting up their colleagues for harassment. ...

On February 28, Whittaker drafted a petition for employees demanding that Pichai cancel the contract. "Google should not be in the business of war," she wrote. ...

But the anti-Maven organizers had momentum on their side ... the media and the public, which were hungrier than ever for the vicarious thrill of watching someone—finally—hold tech companies accountable. ...

In early June 2018, Pichai finally published the AI principles that Google had promised its employees. They included a list of four applications of AI that Google would not pursue, including weapons, technologies that gather and use information "for surveillance violating internationally accepted norms," and technology "whose purpose contravenes widely accepted principles of international law and human rights." ...

Two months later, it seemed to many employees that Pichai had already broken those principles. On August 1, a [blockbuster story](#) in the Intercept reported that Google was planning to launch a new censored search engine in China. Codenamed Project Dragonfly, the engine would blacklist search terms like "human rights" and "student protest," and would produce government-controlled results for "air quality." ...

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■ Privacy Is a human right worth fighting for by Kai Sedgwick

23 July 2019

https://www.activistpost.com/2019/07/privacy-is-a-human-right-worth-fighting-for.html?utm_source=Activist+Post+Subscribers&utm_medium=email&utm_campaign=28e343c1ce-RSS_EMAIL_CAMPAIGN&utm_term=0_b0c7fb76bd-28e343c1ce-387959801

Privacy is a basic human right. It's there in Article 12 of the Universal Declaration of Human Rights: "Freedom from Interference with Privacy, Family, Home and Correspondence." Attaining that right in an era of dragnet surveillance, mass data breaches, state-sponsored hacks and big tech overreach, however, is a Herculean task. As the digital privacy fight heats up, crypto protocols are emerging as a new battleground where the right to anonymity will be won and lost. ...

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■ Cashless stores alienate customers in the name of efficiency

6 August 2019

https://www.wired.com/story/cashless-retail-excludes-customers-in-the-name-of-efficiency/?fbclid=5cfd4ab4fc942d636d2867e5&cndid=57487382&esrc=bounceXinline&source=EDT_WIR_NEWSLETTER_0_DAILY_ZZ&utm_brand=wired&utm_campaign=sud-dev&utm_mailing=WIR_Daily_080519&utm_medium=email&utm_source=nl&utm_term=WIR_Daily

... When **Sweetgreen**, the fast-casual restaurant chain, decided to stop taking cash payments in 2016, it cited a number of **valid reasons** for the decision. These included the decreased risk of theft, environmental sustainability, and overall operational efficiency. Less than four years later, the chain **reversed its decision**. Sweetgreen had benefited from the change, but it came with an unintended consequence: The brand was unintentionally self-selecting its customers. ...

New Jersey and Philadelphia passed laws requiring that all retailers accept cash payments, and San Francisco, Chicago, New York City, and Washington, DC, are considering similar legislation. Why?

Almost 1 in 4 US consumers (which equates to 32.6 million households) are **unbanked or underbanked**. That means these people either have no access to banking products like credit and debit cards, or must pay exorbitant fees to use instruments like prepaid debit cards. ...

Scientific studies dating back to the 1970s have shown a clear correlation between cashless environments and increased consumer spending. For retailers, the payoff can be substantial. In the absence of cash payment alternatives, consumers' "willingness to pay" can be increased by **up to 100 percent**.

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■ „Strahlen-Tsunami“ – Jetzt formiert sich der Widerstand gegen 5G

16 August 2019

<https://www.welt.de/wirtschaft/webwelt/article198625757/Bruessel-verweigert-sich-dem-5G-Netzausbau.html>

... Selten gelingt es einer regionalen Umweltministerin mit einem einzigen Satz, in der ganzen Welt Schlagzeilen zu schreiben. Die Belgierin Céline Fremault, bis vor Kurzem in der Regionalregierung der Stadt Brüssel zuständig für Lebensqualität und Ökologie, schaffte das Ende März. Eine Anmerkung der 45-jährigen Juristin sauste wie ein Blitz durch ganz Europa, ja sogar bis Übersee: „Die Brüsseler sind keine Versuchskaninchen, deren Gesundheit ich für den Profit verkaufen kann“, hatte Fremault gesagt. ...



■ Amerikalı Teknoloji Uzmanı Firstenberg: 5G Kanseri Yapabilir

2 July 2019

<https://www.haberler.com/amerikalı-teknoloji-uzmanı-firstenberg-5g-kanser-11718185-haberi/>

Amerikalı teknoloji uzmanı, yazar ve aktivist Arthur Robert Firstenberg, bu yıl devreye alınması planlanan 5G teknolojisinin doğal hayatı olumsuz etkileyebileceğini ve insanlarda kanser dahil tedavisi imkansız hastalıklara yol açabileceğini iddia etti.

Amerikalı teknoloji uzmanı, yazar ve aktivist Arthur Robert Firstenberg, bu yıl devreye alınması planlanan 5G teknolojisinin doğal hayatı olumsuz etkileyebileceğini ve insanlarda kanser dahil tedavisi imkansız hastalıklara yol açabileceğini iddia etti.

Başlattığı bir online kampanya ile Birleşmiş Milletler, Avrupa Birliği ve Dünya Sağlık Örgütü gibi uluslararası organizasyonlardan 5G geliştirme çalışmalarının derhal durdurulmasını isteyen Firstenberg, İngiliz Daily Star gazetesine konuştu.

5G ile dünya yörüngesine 20 bin civarında uydu konuşlandırılmasının düşünüldüğünü ve Elon Musk'ın kasım ayında 12 bin uydu daha fırlatmak için resmi makamlardan onay aldığını vurgulayan Firstenberg "Dünya çapında her yerde 5G antenleri kuruluyor ve bana gelen raporlara göre şu anda bile insanlar bunlar yüzünden hasta olmaya başladı ve böcek popülasyonu da etkileniyor" dedi.

Firstenberg şöyle konuştu: "Bu küresel bir felaket olabilir. İlk uydular 1990'ların sonlarında cep telefonları için piyasaya çıktı. Yörüngeye yerleştirilmeye başlandıkları günden itibaren bunlara duyarlı insanlar çok hastalandı. ABD'de ölüm oranı da %5-10 arttı ve bazı kuşların uçmadığı bildirildi. Bunu en çok anlayan insanlar güvercin besleyenlerdi. Kuşlarını bıraktılar ama geri dönen olmadı. ve bu sadece 77 uydu içindi, bu yüzden 20 binden fazla uydu ihtimalinden çok korkuyoruz."

Birleşmiş Milletler Dış Uzay İşleri Ofisi (UNOOSA) verilerine göre Ağustos 2018 itibarıyla dünya yörüngesinde 4 bin 857 uydu bulunuyor.

Firstenberg online başvurusunda kablosuz ağların insan sağlığına zararlı olduğunu ve 5G'nin bu zararları çok daha fazla arttıracığını öne sürüyor.

Firstenberg başvurusunda şu ifadelerle yer veriyor: "5G, halihazırda telekomünikasyon için kullanılan 2G, 3G ve 4G şebekelerinin ürettiği radyo frekansı (RF) radyasyonuna maruz kalmayı büyük ölçüde artıracak. RF radyasyonunun insanlara ve çevreye zararlı olduğu kanıtlandı. 5G'nin

konuslandırılması aslında insanlık ve çevre üzerinde bir deney ve bu uluslararası hukukta suç olarak tanımlanır.Yaygın olarak inkar edilmesine rağmen, radyo frekansı (RF) radyasyonunun yaşama zararlı olduğuna dair kanıtlar zaten çok fazla. Hasta ve yaralı insanların birikmiş klinik verileri, çok çeşitli canlılarda DNA, hücreler ve organ sistemlerinde meydana gelen hasarlar ve modern uygarlığın başlıca hastalıklarının (kanser, kalp hastalığı ve diyabet) elektromanyetik kirliliğin bir sonucu olduğunu gösteren epidemiyolojik kanıtlar bir araya geldiğinde; 10 binden fazla hakemli araştırmaya dayanan büyük bir literatür oluşturuyor."

Ancak birçok ana akım bilim insanı bu iddiaları reddediyor ve telefonlardan kansere neden olan radyasyonun kesin bir kanıtı olmadığını düşünüyor. Dünya Sağlık Örgütü, yirmi yıldan uzun bir süredir yapılan çalışmalara rağmen cep telefonlarının neden olduğu zararlı etki kanıtı bulunmadığını belirtiyor. - Öz
Kaynak: DHA

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■ 5G as a globalist tool by Renee Parsons

2 July 2019

<https://off-guardian.org/2019/07/02/5g-as-a-globalist-tool/>

... So the question is how exactly did such a complex 5G move so far, so fast without public hearings and little public awareness? Exactly how did this **juggernaut** get rolling?

If the 5G project and its massive **diabolical offspring** came out of Silicon Valley, it would be curious that no representatives appeared before the Committee to take credit for introducing such a sophisticated piece of malevolence. ...

In other words, while 5G has been a gleam in Israel/Intel's eye for sometime, there has been a sort of shakedown cruise to work out the kinks prior to introducing the project to the gullible Americans.

Clearly, the Senate Committee (and 5G proponents) were intent on bamboozling the American public, assuring that discovery of the project would come only after it was too little, too late. ...

Clearly the 5G campaign has been in the Intel pipeline prior to 2016 which explains the sense of urgency for the FCC's adoption of 'fast lane' approval processes. ...

The mostly worthless connectivity of all things is little more than a sham, a talking point that offers no real merit to American consumers. The slick PR focus on broadband speed is a not-so-clever smokescreen for the

sinister Massive [Internet of Things \(MIOT\)](#) and its fiendish compatriot, [Artificial Intelligence](#).

The pretense is that faster speeds are far superior and very desirable, as if the current 4G LTE speed is somehow inferior or as if the public has been clamoring for faster speeds – neither is the case.

The truth is that 5G is much more than an irrelevant connectivity opportunity that begins with a digital transformation but rather provides an opportunity to transform humanity and civilization into a profound grotesque distortion of reality. ...

Without explicitly saying so, the ultimate objective is to free humanity from the burden of personal interaction with the rest of humanity in favor of interaction with computerized machines or gadgets.

As if the need for human relationship is a genetic weakness, the true existence of human beings becomes extraneous as increased [surveillance](#) and monitoring of all daily activity is recorded.

As the State will monitor all thought, our personal bathroom habits, whether to become pregnant (or not) or personal private choices, all will be entered into a personal data registry – not unlike China's 'social credit score' evaluating each citizen's loyalty.

There will be no on or off switch as opting out will no longer be permitted.

The human heart of kindness, love and compassion will be but a memory of the past when our neighbors were our friends and our friends were like family and our family a scant remnant of a poignant reminiscence that has no authenticity. These are not exaggerated forecasts of the [future](#) but a creepy reality check of what the Silicon Valley and apparently Israel/Intel [techno twits](#) have in store as humanity becomes complacent to its own basic life decisions and that of future generations.

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■ Complexities of 5G and national security by Renee Parsons 17 July 2019

<https://off-guardian.org/2019/07/17/complexities-of-5g-and-national-security/>

In case you missed the kickoff, there is an unprecedented 'must win' wireless race for the US to cross the 5G finish line before China as alluded to during the recent Senate Commerce Committee [oversight hearing](#) on the Federal Commerce Commission. ...

The details were thin with no real discussion on the need for 5G or its complexities including the national security implications of China beating

out the USA! USA! or any mention of its dangerous, [toxic health](#) consequences or the true implications on the [Massive Internet](#) of Things (MIOT) [decoded](#) as the Dastardly Dark Utopian Vision of Future Illusion which promises a [generation](#) of [trans-humans](#).

One already occurring aspect of the [MIOT](#) is when the overlap between government and the unelected tech giants becomes indistinguishable, representative democracy becomes passe. ...

Since the telecom companies are entirely too cozy with the FCC, a national security declaration is unnecessary to achieve a de facto nationwide standard for siting approvals.

In September 2018, the FCC obtained a [Declaratory Judgment](#) to Remove Regulatory Barriers for Deployment of Wireless Infrastructure for 5G Connectivity which will provide a 'fast track' to circumvent local delays to cell deployment. In response, cities across the US are [opposing](#) the FCC's attempt to override local control decision-making regarding the installation of 5G wireless infrastructure. ...

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■ [Whistleblowers report new cars are vulnerable to hacking and thousands could die because of it by B.N. Frank](#)

13 August 2019

https://www.activistpost.com/2019/08/whistleblowers-report-new-cars-are-vulnerable-to-hacking-and-thousands-could-die-because-of-it.html?utm_source=Activist+Post+Subscribers&utm_medium=email&utm_campaign=565dd672b2-RSS_EMAIL_CAMPAIGN&utm_term=0_b0c7fb76bd-565dd672b2-387959801

... Older vehicles weren't able to be hacked, and studies continue to warn about the potential for new vehicles to be hacked and how this could lead to massive traffic gridlocks as well as people dying.

From Consumer Watchdog:

A consumer advocacy group has warned that automakers are rolling out new vehicles increasingly vulnerable to hackers, which could result in thousands of deaths in the event of a mass cyberattack.

In a new report entitled "Kill Switch: Why Connected Cars Can Be Killing Machines And How To Turn Them Off," Los Angeles-based Consumer Watchdog said cars connected to the internet are quickly becoming the norm but constitute a national security threat.

"The troubling issue for industry technologies is that these vehicles' safety-critical systems are being linked to the internet without adequate security and with no way to disconnect them in the event of a fleet-wide hack," the report said. ...

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■ UK: ITV Meridian Exclusive: 'Smart' Motorways- how reliable are they?

March-April 2018

<https://www.itv.com/news/meridian/2019-08-12/itv-meridian-exclusive-smart-motorways-how-reliable-are-they/>

ITV Meridian can reveal safety warning signs on the new M3 smart motorway in Hampshire and Surrey have suffered thousands of faults since the scheme was finished two years ago.

They range from screens not working to red and amber flashing lights failing and warning messages not displaying. ...

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■ The global elite is insane (revisited) by Robert J. Burrowes

March-April 2018

<https://feelingsfirstblog.wordpress.com/key-articles/global-elite-is-insane-revisited/>

... But there is a more fundamental issue here. As I explained in my original article, cited at the beginning of this one: Do you really believe that someone who is capable of perpetrating extraordinary violence, inequity and biosphere-threatening behavior – and thus clearly incapable of experiencing and expressing the love, compassion, empathy and sympathy that would drive a nonviolent approach to the world – is sane? Given that emotional qualities such as love, compassion, empathy and sympathy are an evolutionary gift to those not seriously damaged during childhood, what happened to those individuals who do not possess them? See 'Why Violence?' and 'Fearless Psychology and Fearful Psychology: Principles and Practice'.

Or, to explain it based on my longer definition of sanity highlighted above: Casual observation of the state of our world, including the primary threat of near-term human extinction through climate catastrophe or nuclear war – see 'On Track for Extinction: Can Humanity Survive?' – clearly reveals that none of the elite is paying considered attention to the perilous state of our world, analyzing the evidence in relation to it, identifying the cause(s) driving it or responding powerfully to end it. Why is this? ...

Elite insanity, if not stopped, will drive us out of existence. If you believe that the elite and their servants will 'see the light' before it is too late, I invite you to seek out the evidence to justify your belief. I have found none. I also see no evidence that individual members of the elite will do

the emotional healing necessary to be able to act sanely in response to the extinction-threatening crisis it has generated.

So it is up to those of us who can think and act sanely to stop the rush to extinction before it is too late.

Are you one of those people?

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■ Seeing through Silicon Valley's shameless 'disruption' by Noam Cohen

28 July 2019

https://www.wired.com/story/seeing-through-silicon-valleys-shameless-disruption/?bxiid=5cfd4ab4fc942d636d2867e5&cndid=57487382&esrc=bounceXinline&source=EDT_WIR_NEWSLETTER_0_DAILY_ZZ&utm_brand=wired&utm_campaign=aud-dev&utm_mailing=WIR_Daily_072819&utm_medium=email&utm_source=nl&utm_term=WIR_Daily

[Ed. The extension of economic predation into the online sphere.]

Back in the early 1900s, during the height of labor fights, most everyone would look askance at “scab”-ism as a movement. What are you for, exactly? Seeing your opportunities and taking them? Um, OK. But disruption, that’s something different, something to strive for. There are entire university departments and venture capital firms that study, teach, and promote disruption. The tech monopolies leaned into this idea, appealing to and flattering our selfishness and solipsism. Amazon founder and CEO Jeff Bezos is the high priest of customer worship. The customer is the center of everything Amazon does; there is no meaning unless the customer agrees.

“Invention is not disruptive; only customer adoption is disruptive,” [Bezos has said](#). “At Amazon, we’ve invented a lot of things that customers did not care about at all, and believe me they were not disruptive to anyone. It is only when customers like the new way that anything becomes disruptive.” If only life were that simple. As if your moral responsibility could stop at the metaphorical front door, where food, cars, packages magically arrive for your use. We are discovering what a world devoid of moral responsibility looks like. It ain’t magical.

Only lately have we come to see disruption as a dressed-up version of scab-ism. It does not make the world a better place. There is the familiar litany by now: Facebook’s encouragement of our wrecked 2016 presidential election at home and genocide and ethnic warfare abroad. YouTube’s algorithmic promotion of anger and extremism. Amazon’s assault on small bookstores and local retail outlets even as it trains its workers to behave robotically. Airbnb’s corrosion of residential neighborhoods at the expense of hotel districts. Uber and Lyft’s

encouragement of car riding at a whim. And food delivery apps that discourage local shopping, home cooking, and living wages for their not-quite-employees. ...

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■ 5G agriculture – food from Frankenstein farming by Julian Rose

2 August 2019

<https://www.wakingtimes.com/2019/08/01/5g-agriculture-food-from-frankenstein-farming/>



... A 5G perspective, of course! The lucky plants and animals will, Ericsson's development director goes on to say, be surrounded by thousands of tiny gadgets that will transmit back to the farmer precise details of their state of health or sickness. However, what he does not say is that these tiny gadgets will, in the process, shoot a steady stream of high powered millimetre wave length microwave frequencies into the farmer's best cows and crops, precipitating them to sicken and die. But I guess that isn't really important information, for Ericsson plc. ...

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■ Psychotechnology: How AI is designed to change humanity by Makia Freeman

2 August 2019

<https://www.davidicke.com/article/548418/psychotechnology-ai-designed-change-humanity>

"Psychotechnology" is a word coined by William Ammerman, [who] defines the word as "*technology that influences people psychologically by deploying artificial intelligence through digital media.*" ...

We are being encouraged to anthropomorphize our machines and relate to them as living beings when they are actually just inanimate objects. Why? The agenda behind it is [transhumanism](#), the merging of man and machine. We are being trained to treat AI as animate, then to befriend it, then to worship it, so that finally we can be convinced to merge with it – and lose our humanity in the process.

Final thoughts: we must be aware of the impacts of psychotechnology

This is one area where being aware is the main part of the solution. If we want to retain our autonomy (and mental sanity), we must resist the urge to anthropomorphize our smart devices and computers. They are machines, not matter how ‘clever’ they become. There is no substitute for human relationships, human interaction and human intimacy. Stop referring to machines as ‘he’ or ‘she’ when they can never be more than inanimate objects that have been programmed to do something. Stop using them as a substitute for thinking, entertainment and – most importantly – for deeper fulfillment. We ignore the impacts of psychotechnology only at our own peril.

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■ **If Greta Thunberg worries about end of the world, why does she pose with status quo politicians? By Philippe Wojazer**

3 July 2019

[https://www.rt.com/news/465238-greta-thunberg-macron-](https://www.rt.com/news/465238-greta-thunberg-macron-photo/?utm_source=Newsletter&utm_medium=Email&utm_campaign=Email)

[photo/?utm_source=Newsletter&utm_medium=Email&utm_campaign=Email](https://www.rt.com/news/465238-greta-thunberg-macron-photo/?utm_source=Newsletter&utm_medium=Email&utm_campaign=Email)

... Now, I am not masquerading as an ally to her cause, or a fan of her moralistic bludgeoning method of winning complex debates, as is amply evident from my previous writing on the subject, but surely even her supporters are beginning to experience some level of cognitive dissonance.

Maybe Thunberg is in on the whole con. But more likely she is fanatically sincere to the point of being easy to manipulate. Her true sympathies may lie with the street protests of Extinction Rebellion but tactically the teenager evidently believes that no red carpet is too dirty to walk on, no pulpit too greasy to hold on to while making a speech. ...

One MP called the vote “*Greta or CETA?*” to draw attention to the poignancy of the contrast between her speech and the actions that followed, but the treaty was passed with overwhelming support from Emmanuel Macron’s En Marche, and his personal endorsement. ...



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■ **I am terrified of ‘children’s crusader’ Greta Thunberg – and**

you should be too - by Igor Ogorodnev

13 March 2019

<https://www.rt.com/op-ed/453730-greta-thunberg-environmental-activist-crusader-saint/>

From her judging gaze, to her all-or-nothing beliefs, to her unshakeable certainty in her own correctness, the 16-year-old environmental activist evokes unappealing historical parallels.

The journey of Greta Thunberg's activism reads like a Biblical tale: from sitting alone with a placard on a Stockholm street last August, to leading tens thousands of children across the world to walk out of classes on Fridays to protest climate change.

Her doomsday message that there are 12 years left before irreversible temperature rises has been heard from the podiums from her hometown to Davos to Brussels to a UN conference - everywhere the adults marveled. Now, a Nobel Peace Prize nomination, and who is to say she won't get it.

In interviews journalists listen meekly to her mix of messianic proselytizing and harangues for a humanity that has lost its way. Thunberg is vegan, she does not fly by plane, and told the Guardian that with her speeches and organizing duties, she often works 15-hour days.

Her archetype appears to be the medieval child saint: a virgin who chooses death over loss of chastity, or Joan of Arc, an obscure girl struck by visions to command armies.

But you know what. Greta Thunberg is not actually a messenger from God. Her words are not magical. Her youth, purity or lack of doubt are not evidence of her actually being right. Her mission may be righteous or misguided, but has no inherent privilege to sermonize without winning debates.

And the other thing: children's idealism has often fallen victim to or been used as a pawn for quite adult agendas. The children's crusade never did reach Jerusalem, while less apocryphally the Cultural Revolution was also carried out by the hands of bright-eyed youths, convinced they were building a better future. And there are bigger political and commercial forces at work here too, with every green corporation and special interest group keen to make Thunberg their public face.

Now, Thunberg herself hasn't ransacked any ancient temples to purge them of the Four Olds, or ordered petrol cars to be set on fire, and some might say it is bad form to attack a child. But the teenager has openly used her youth to shame us for supposedly mortgaging her future, and wants us to take decisions with economic implications for billions of adults (almost all of them poorer than Thunberg) so she has made herself fair game.

There is no call here for her to be burnt at the stake in Rouen. Just a word of caution, where none has been heard.

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■ **Rebelling against attention economy, Humane Tech movement expands by Ben Piven**

25 July 2019

<https://www.aljazeera.com/ajimpact/rebelling-attention-economy-humane-tech-movement-expands-190724210851788.html>

A growing coalition of social groups is pushing back against tech companies that feed digital addiction and overload. ...

... Tried to put down your smartphone but can't? Are you just living for likes, or agitated by the echo chamber in your news feed? Do you feel isolated even though your social network is thriving online?

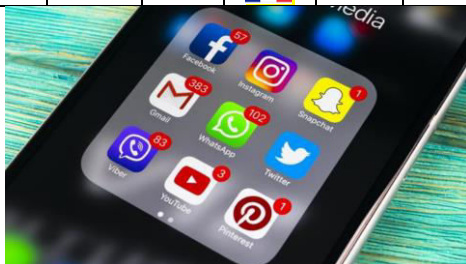
If the answer is "yes" to those questions, then Tristan Harris is fighting to save *you*.

An ex-Google design ethicist, Harris cofounded the Time Well Spent movement and the [Center for Humane Technology](#) (CHT) to combat the "existential threat" of unchecked technological power over humanity, from digital addiction and information overload to Twitter bots and political polarisation.

CHT is trying to halt what it calls the "downgrading" of humans by smartphones and [social media](#) - within an "extractive" attention economy where Silicon Valley firms profit from "playing tricks" on people's minds.

"More than two billion people - a psychological footprint bigger than Christianity - are [jacked into social platforms](#)," says a pamphlet from CHT.

"Algorithms recommend increasingly extreme, outrageous topics to keep us glued to tech sites fed by advertising ... It's a race to the bottom of the brainstem." ...



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■ **Josh Hawley Says Tech Enables 'Some of the Worst of America'**

16 August 2019

<https://www.wired.com/story/josh-hawley-tech-enables-worst-of->

america/?bxid=5cfd4ab4fc942d636d2867e5&cndid=57487382&esrc=bounceXinline&source=EDT_WIR_NEWSLETTER_0_DAILY_ZZ&utm_brand=wired&utm_campaign=aud-dev&utm_mailing=WIR_Daily_081619&utm_medium=email&utm_source=nl&utm_term=list1_p3

...Chief among this new breed of **would-be Silicon Valley reformers is freshman GOP senator Josh Hawley**, of Missouri, who has turned progressive and conservative heads alike with some of the sweeping actions he's proposed since being seated in January.

Just last month the 39-year-old dropped legislation aimed at curbing Americans' compulsion to keep checking our screens for likes and retweets. The [Social Media Addiction Reduction Technology Act](#) seeks to block companies like Facebook and Twitter from having product features like infinite scroll on users' feeds or YouTube's autoplay feature—which always has more content queued up. And in June, Hawley introduced [a bill](#) that would force large tech companies to be audited for “politically biased moderation practices” before qualifying for protections under Section 230 of the Communications Decency Act—a [controversial measure](#) that has been roundly criticized by [tech organizations](#), a number of Democrats, and even some Republicans. ...

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■ **Wireless Technology: Ultra Convenient. Endlessly Entertaining. Criminally Instigated. Terminally Pathological.**

9 February 2019

<https://www.activistpost.com/2019/02/wireless-technology-ultra-convenient-endlessly-entertaining-criminally-instigated-terminally-pathological.html>

The intent of this article is to show that wireless technology is, without remedy other than termination, one of the most devastating environmental and health threats—and threats to personal liberty—ever created.

Included is discussion of the criminal deceit employed by U.S. Government agencies, concealing awareness (beginning at least a decade prior to marketing) and ignoring/dismissing voluminous scientific evidence, of severe health impacts of radiation such as that emitted by wireless infrastructure and devices.

Peer-reviewed studies were published from the 1950's up to the initial wireless rollout in Orwellian 1984 (with many thousands since). It follows that the industry also practiced deceit at the outset. It suppressed findings from, and attempted to discredit, a 5-year study project it was forced by circumstance to fund and initiate nearly a decade later (3G era). ...

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■ Aurélien Barrau: « Quelque chose se dit, ici »

12 August 2019

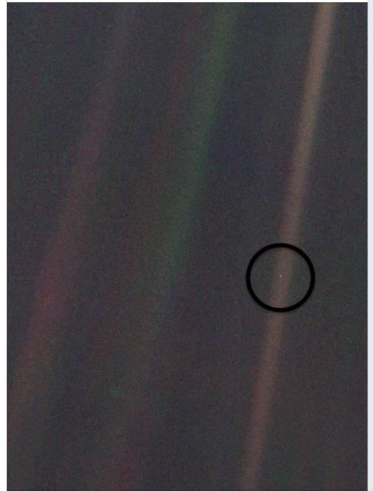
https://www.facebook.com/photo.php?fbid=2412295035515829&set=a.579149472163737&type=3&eid=ARB_RJDuVYgnICAJ6aiDHZvXBhLw3AXVFkWJx2Uyo4Jit6vYZh8MHgvufxOaJ9FQDKm4GLYv40ZLI5roo

Je suis très circonspect sur l'intérêt scientifique comme symbolique de l'exploration spatiale. Je me suis d'ailleurs rendu compte récemment que le sujet était hautement sensible. J'y reviendrai bientôt. Mais, quand-même, cette photo est pour moi l'exception. Image de la Terre (au centre du cercle noir) réalisée il y a 30 ans par la sonde Voyager 1. Quelque chose se dit, ici.



Aurélien Barrau
Yesterday at 8:10 AM · 🌐

Je suis très circonspect sur l'intérêt scientifique comme symbolique de l'exploration spatiale. Je me suis d'ailleurs rendu compte récemment que le sujet était hautement sensible. J'y reviendrai bientôt. Mais, quand-même, cette photo est pour moi l'exception. Image de la Terre (au centre du cercle noir) réalisée il y a 30 ans par la sonde Voyager 1. Quelque chose se dit, ici.



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■ Cherish your privacy? New anti-surveillance clothes trick cameras by making you look like a car

17 August 2019

https://www.activistpost.com/2019/08/cherish-your-privacy-new-anti-surveillance-clothes-trick-cameras-by-making-you-look-like-a-car.html?utm_source=Activist+Post+Subscribers&utm_medium=email&utm_campaign=4d8f365c1d-RSS_EMAIL_CAMPAIGN&utm_term=0_b0c7fb76bd-4d8f365c1d-387959801

The patterns on this page were generated by testing a series of modified license plate images with commercial ALPR APIs, working to generate aesthetic fabric patterns that read in to devices and services as if they were real plates.



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■ Silicon Valley wants to read your mind – here's why you should be worried

16 August 2019

<https://www.activistpost.com/2019/08/silicon-valley-wants-to-read-your-mind-heres-why-you-should-be->

Not content with monitoring almost [everything you do online](#), Facebook now wants to read your mind as well. The social media giant recently announced [a breakthrough](#) in its plan to create a device that reads people's brainwaves to allow them to type just by thinking. And Elon Musk wants to go even further. One of the Tesla boss's other companies, Neuralink, is [developing a brain implant](#) to connect people's minds directly to a computer.

Musk admits that he [takes inspiration](#) from science fiction, and that he wants to make sure humans can ["keep up" with artificial intelligence](#). He seems to have missed the part of sci-fi that acts as a warning for the implications of technology.

These mind-reading systems could affect our privacy, security, identity, equality and personal safety. Do we really want all that left to companies with philosophies such as that of Facebook's former mantra, ["move fast and break things"](#)? ...

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- **Arthur Firstenberg: "Wireless technology must be banned if the planet is to survive" / "Wenn Sie wollen dass der Planet überlebt, muss drahtlose Technologie verboten werden" / "Si vous voulez que la planète survive, la technologie sans fil doit être interdite"**

There should be no wireless technology, period. If you have wireless technology at all, you are being irradiated. This business of "low" radiation is wishful thinking and completely contrary to science. "Low levels" is completely meaningless if you are talking about any effects except heating. For all other effects, **there is not a dose response**. There are no studies showing a dose response, and there are a lot of studies showing the opposite. Pulsed, digital, high-bandwidth radiation kills **regardless of power**. Often the highest exposure levels have very little effect and the near-zero exposure levels kill. Why? Because our cells communicate at near-zero levels and it is the **interference** with our own bodies' internal signals that kills us. The more the external signal matches our tiny internal signals, the greater the harm. I keep on saying this, people nod their heads and they go on demanding "lower" limits like sheep led to the slaughter. *The higher the exposure level, the greater the thermal damage. The lower the exposure level, the greater the informational damage.* **WIRELESS TECHNOLOGY MUST BE BANNED, PERIOD.**

Traduction française

Il ne devrait pas y avoir de technologie sans fil, point final. Si la technologie sans fil existe, vous êtes irradié. Parler de rayonnement "faible" est illusoire et totalement contraire à la science. Parler des "faibles niveaux" est complètement dénué de sens pour tous les effets sauf le chauffage. Pour tous les autres effets, il n'y a aucune relation dose-effet. Il n'y a aucune étude qui montre une relation dose-effet; par contre, il y en a beaucoup qui montrent le contraire. Le rayonnement pulsé, numérique, à bande passante élevée tue quel que soit le niveau de puissance. Souvent, les niveaux d'exposition les plus élevés ont très peu d'effet et les niveaux d'exposition proches de zéro tuent. Pourquoi? Parce que nos cellules communiquent à des niveaux proches de zéro et que c'est **l'interférence** avec les signaux internes de notre propre corps qui nous tue.

Plus le signal externe correspond à nos minuscules signaux internes, plus le dommage est important. Je n'arrête pas de le dire ; les gens hochent la tête et continuent d'exiger des limites "plus basses" comme des moutons conduits à l'abattoir. *Plus le niveau d'exposition est élevé, plus les dommages thermiques sont importants. Plus le niveau d'exposition est faible, plus les dommages informationnels sont importants.* LA TECHNOLOGIE SANS FIL DOIT ÊTRE INTERDITE, POINT FINAL.

Arthur Firstenberg's response to "Eight Demands": these are entirely wrong!

Réponse d'Arthur Furstenberg aux "huit revendications": elles sont totalement fausses!

Arthur Firstenbergs Antwort auf "Acht Forderungen": das ist völlig falsch!

1. Broadband networks (glass fibre) as a self-service business must be operated by the municipalities as part of services of general interest. No allocation of infrastructure projects to a monopoly. Fibre optic networks form the basis for the implementation of a low-radiation mobile coverage. **5G is very high radiation, not low radiation. As soon as you lay fiber, telecoms stick antennas into the fiber to broadcast 5G. Fiber enables 5G. 5G cannot exist without fiber. If you want to defeat 5G, you have to oppose fiber.** I don't know why people don't understand this. They think if they lay fiber, some magical tyrant of the world will decree that the wireless companies will not have access to it. If you don't want 5G, don't build the infrastructure that it depends on. Fiber enables 5G. **FIBER ENABLES 5G.** I repeat it over and over and still no one gets it.

The telecoms are spending hundreds of billions of dollars laying fiber. And people in our network are advocating that municipalities do it for them and save them all that money? That's insane.

2. Separation of Indoor and outdoor supply to protect the apartment from radiation must be the basis of any mobile telephone planning. New technology must demonstrably lead to less electro-smog. Small cell networks are only useful if they lead to a significant reduction in radiation exposure. **Small cells always mean an increase in radiation. (1) 5G small cells are 100 times as powerful as 4G large cells. (2) Antennas that are ten times closer to you expose you to 100 times more radiation.**

3. Technology Impact Assessment is mandatory. It must be carried out by an industry - and non-governmental commission with the participation of civil interest associations. Without an evaluation of the results of research on the effects of 5G frequencies on humans, animals and nature, 5G must not be introduced. **Irrelevant. Either we get rid of all personal wireless networks or we will not have a planet to live on much longer.**

4. Reversal of burden of proof: industry and the state must prove the safety of 5G. **Irrelevant. Still ignores the basic problem.**

5. A network for all: it only needs a mobile network for all operators and users, such as electricity, Gas and road construction. Mandatory Roaming for all mobile operators must be implemented. **There must be no mobile operators. Do we want to save the planet or not?**

6. Environmental Protection is mandatory; the municipality must provide an expert opinion on the ecological footprint of the network expansion. **There must be no network expansion. Asking for yet another opinion is to ask for no action. We have all the evidence we need to ban this stuff.**

7. The right to live analogously without digital surveillance is a fundamental right. Data collection may only be carried out with the express consent of each citizen. No data may be collected from young people under the age of 16. **This is not a survival issue. Radiation is the survival issue.**

8. Maintenance and creation of Radio-Free areas for electrohypersensitive

people. **Electrohypersensitivity does not exist. It is not a medical term, no one has ever defined it.**

Acht Forderungen - Arthur Firstenbergs Antwort auf "Acht Forderungen": das ist völlig falsch!

1. **Breitbandnetze** (Glasfaser) als Eigenwirtschaftsbetrieb müssen als Teil der Daseinsvorsorge von den Kommunen betrieben werden. Keine Vergabe von Infrastrukturprojekten an ein Monopol. Glasfasernetze bilden die Grundlage zur Umsetzung einer strahlungsarmen Mobilfunkversorgung.

5G ist sehr hohe Strahlung, nicht niedrige Strahlung. Sobald Sie Faser legen, kleben Telekom-Antennen in die Faser, um 5G zu senden. Fiber ermöglicht 5G. 5G kann nicht ohne Faser existieren. Wenn du 5G besiegen willst, musst du Faser ablehnen. Ich weiß nicht, warum die Leute das nicht verstehen. Sie denken, wenn Sie Glasfaser legen, wird ein Magischer Tyrann der Welt entscheiden, dass die drahtlosen Unternehmen keinen Zugang dazu haben. Wenn Sie 5G nicht wollen, bauen Sie nicht die Infrastruktur auf, von der es abhängt. Glasfaserkabel ermöglicht 5G. **GLASFASERKABEL ERMÖGLICHT 5G.** Ich wiederhole es immer und immer aber noch niemand versteht es. Die Telekom gibt Hunderte Milliarden Dollar für Glasfaser aus. Und die Menschen in unserem Netzwerk plädieren dafür, dass Kommunen es für Sie tun und Ihnen das ganze Geld ersparen? Das ist wahnsinnig.

1. **Trennung der Indoor- und Outdoorversorgung** zum Schutz der Wohnung vor Strahlung muss Grundlage jeder Mobilfunkplanung sein. Neue Technik muss nachweisbar zu weniger Elektrosmog führen. Kleinzellennetze sind nur dann sinnvoll, wenn sie zu einer deutlichen Senkung der Strahlenbelastung führen.
2. **Technikfolgenabschätzung ist Pflicht.** Sie muss durch eine industrie- und regierungsunabhängige Kommission unter Beteiligung bürgerschaftlicher Interessenverbände erfolgen. Ohne Bewertung der Forschungsergebnisse über die Wirkungen der 5G-Frequenzen auf Mensch, Tier und Natur darf 5G nicht eingeführt werden.
3. **Beweislastumkehr:** Industrie und Staat müssen die Unschädlichkeit von 5G belegen.

4. **Ein Netz für alle:** Es braucht nur ein Mobilfunknetz für alle Betreiber und Nutzer, wie bei Strom, Gas und im Straßenbau. Verpflichtendes Roaming für alle Mobilfunkbetreiber muss umgesetzt werden.
5. **Umweltschutz ist Pflicht,** die Kommune muss über den Netzausbau ein Gutachten zum ökologischen Fußabdruck vorlegen.
6. **Das Recht, analog leben zu können,** ohne digitale Überwachung ist ein Grundrecht. Die Datenerfassung darf nur mit ausdrücklicher Zustimmung jedes Bürgers erfolgen. Von Jugendlichen unter 16 Jahren dürfen keine Daten erfasst werden.
7. **Erhalt und Schaffung von funkfreen Gebieten** für elektrohypersensible Menschen.

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■ Harmonisation of wireless standards in Europe driven by NATO? / L'Harmonisation des normes sans fil en Europe sous l'impulsion de L'OTAN? / Harmonisierung der drahtlosen standards in Europa durch die NATO angetrieben?

Environmental Health Trust (<https://ehtrust.org/policy/outdated-ansi-and-ieee-standards/>): In 1985 the United States government adopted an exposure limit from the American National Standards Institute (ANSI-an industry & military organization), ANSI C95.1-1982 Exposure Limit Standard. In 1996 the U.S. government adopted (updated from the ANSI Standard) the IEEE C95.1-1991 Exposure Limit Standard. IEEE, the Institute of Electrical and Electronic Engineers is substantially an industry and military organization.

Environmental Health Trust (<https://ehtrust.org/policy/outdated-ansi-and-ieee-standards/>): en 1985, le gouvernement des États-Unis a adopté une limite d'exposition de L'American National Standards Institute (ANSI - une organisation industrielle et militaire), ANSI C95.1-1982 Exposure Limit Standard. En 1996, le gouvernement des États-Unis a adopté (mise à jour à partir de la norme ANSI) la norme C95.1-1991 de L'IEEE sur les limites d'exposition. IEEE, L'Institute of Electrical and Electronic Engineers est essentiellement une organisation industrielle et militaire.

Environmental Health Trust (<https://ehtrust.org/policy/outdated-ansi-and-ieee-standards/>): 1985 verabschiedete die Regierung der Vereinigten

Staaten eine expositions-grenze vom American National Standards Institute (ANSI - **eine Industrie & militärische Organisation**), ANSI C95.1-1982 Exposure Limit Standard. Im Jahr 1996 verabschiedete die US-Regierung (aktualisiert vom ANSI-Standard) den IEEE C95.1-1991 Exposure Limit Standard. IEEE, das Institute of Electrical and Electronic Engineers ist im wesentlichen **eine Industrie-und militärische Organisation**.

■ **Video**

- Être connecté peut nuire gravement à la santé - Reportage suisse remarquable / Being connected can seriously harm your health - remarkable Swiss reporting / Verbunden zu sein kann gesundheitsschädlich sein - Bemerkenswerte Schweizer Reportage

31 May 2017

<https://www.youtube.com/watch?v=PnnUbWRGJz8>

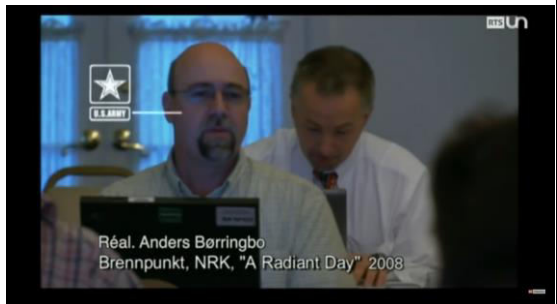
Transcription partielle

(Activer le sous-titrage en français à 15.05)

... d'où la question suivante: les normes d'émissions en vigueur, nous protègent-elles efficacement du rayonnement électromagnétique ? il faut savoir que les normes ont été faites bien tardivement à partir du moment où tous les équipements électriques étaient déjà instaurés. Ces normes sont établies par

l'industrie de manière à avoir des valeurs de rayonnement qui soient acceptables et pour éviter d'avoir des procès.

Ces images de la télévision norvégienne montrent comment l'industrie pèse dans l'établissement des normes.



La séquence a été tournée lors d'une réunion de l'institut des ingénieurs électriciens et électroniciens (l'IEEE), une organisation regroupant les spécialistes mondiaux des télécommunications. Quand leurs membres spécialisés dans la sécurité électromagnétique révèlent les noms de leurs employeurs, voilà ce qu'on apprend.

[(C Keito?), Motorola; (Mike Welby?), US Air Force; (?) US Army; Motorola; Alcatel-Lucent; US Air Force; Nokia; France Telecom; Ericsson; US Air Force]

En fait, il s'agit de représentants de l'industrie. Cette organisation a émis des recommandations sur les valeurs d'exposition liées à la téléphonie mobile, valeurs qui ont été adoptées sans grande modification par l'Europe et par la Suisse.

Les normes sont définies non pas pour une protection sanitaire en disant il y a aucun effet, il y a aucun risque. Elles disent simplement, "Au-dessus de ces valeurs on est certains qu'il y ait un risque d'effets biologiques à court terme. Et en fait on a un peu travesti ce message en disant, en-dessous de ces valeurs, il ne se passe rien.

Dans la plupart des pays aujourd'hui, la valeur maximum d'exposition aux antennes est de 61 volts par mètre. La Suisse a repris cette norme en y ajoutant un principe de précaution limitant à 6 volts par mètre l'exposition dans les lieux dits "à utilisation sensible". Sont concernés l'habitat, les écoles, les postes de travail à l'intérieur des bâtiments, certains places de jeu, mais pas l'espace public extérieur où les lieux de passage comme les gares.

Aujourd'hui les opérateurs sont toujours plus gourmands. Ils veulent faire sauter le carcan des 6 volts par mètre qu'ils estiment être une limite pour leurs activités. ...

Partial translation

(Switch on English subtitles at 15.05)



... hence the following question. Do the current emission standards effectively protect us from electromagnetic radiation?

it should be borne in mind that the standards were drawn up well after the time when all electrical equipment was already in place. These standards are set by the industry in such a way as to have irradiation values that are acceptable and to avoid lawsuits.

These images from Norwegian television show the power of industry in the establishment of standards.

The footage was shot at a meeting of the Institute of Electrical and Electronics Engineers (IEEE), an organization of world telecommunications experts. When their members specialising in electromagnetic safety reveal the names of their employers, here's what we learn:

[(C Keito?), Motorola; (Mike Welby?), US Air Force; (?) US Army; Motorola; Alcatel-Lucent; US Air Force; Nokia; France Telecom; Ericsson; US Air Force]

In fact, they are industry representatives. IEEE has issued recommendations on exposure values related to mobile telephony, which have been adopted without much modification by Europe and Switzerland. The standards are defined not for health protection, saying there are no effects, there are no risks. They simply say, "Above these values one is certain that there is a risk of biological effects in the short term". And actually that message has been distorted a bit by saying that below those values, nothing happens.

In most countries today, the maximum exposure value for antennas is 61 volts per metre. Switzerland has adopted this standard by adding a precautionary principle limiting exposure to 6 volts per metre in places designated "places of sensitive use". This includes housing, schools, workstations inside buildings, some playgrounds, but not outdoor public spaces or transit areas such as railway stations.

The telcos are constantly getting greedier. They want to get rid of the 6-volt per-metre straitjacket that they feel limits their activities. ...

Partielle grosse Übersetzung

(Deutsche Untertitel um 15.05 einschalten)

... daher die folgende Frage. Schützen uns die aktuellen Emissionsnormen effektiv vor elektromagnetischer Strahlung?

es sei daran erinnert, dass die Normen bereits nach der Zeit erstellt wurden, als alle elektrischen Geräte bereits vorhanden waren. Diese standards werden von der Industrie so festgelegt, dass Sie akzeptable bestrahlungswerte haben und Klagen vermeiden.

Diese Bilder aus dem Norwegischen Fernsehen zeigen die macht der Industrie bei der Festlegung von standards.

Die Aufnahmen wurden bei einem treffen des Institute of Electrical and Electronics Engineers (IEEE), einer Organisation von Welttelekommunikationsexperten, gedreht. Wenn Ihre Mitglieder, die sich auf elektromagnetische Sicherheit spezialisiert haben, die Namen Ihrer Arbeitgeber preisgeben, erfahren wir Folgendes:

[(C Keito?), Motorola; (Mike Welby?), US Air Force; (?) US Army; Motorola; Alcatel-Lucent; US Air Force; Nokia; France Telecom; Ericsson; US Air Force]

Tatsächlich sind Sie Branchenvertreter. IEEE hat Empfehlungen abgegeben, auf die Exposition Werte in Bezug auf die mobile Telefonie, die erlassen wurden, ohne viel Veränderung von Europa und der Schweiz. Die standards sind nicht für den Gesundheitsschutz definiert, sagen, es gibt keine Auswirkungen, es gibt keine Risiken. Sie sagen einfach: "Über diesen Werten ist man sich sicher, dass es kurzfristig ein Risiko für biologische Wirkungen gibt". Und tatsächlich wurde diese Nachricht ein wenig verzerrt, indem man sagte, dass unter diesen Werten nichts passiert.

In den meisten Ländern beträgt der maximale Belichtungswert für Antennen heute 61 Volt pro Meter. Die Schweiz hat diese Norm mit einem Vorsorgeprinzip eingeführt, das die Exposition an Orten, die als "Orte sensibler Nutzung" bezeichnet werden, auf 6 Volt pro Meter begrenzt. Dazu gehören Wohnungen, Schulen, Arbeitsplätze in Gebäuden, einige Spielplätze, aber keine öffentlichen Außenbereiche oder transitzonen wie Bahnhöfe.

Die telcos werden immer gieriger. Sie wollen die 6-volt-pro-Meter-Zwangsjacke loswerden, die Sie für Ihre Aktivitäten halten. ...

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■ **Will nanotechnologies and the new 5G network become the most powerful weapon system the world has ever seen?**

6 September 2019



Comments by Brian Shilhavy

Editor, Health Impact News

If you are being introduced to some of the topics covered in this article for the first time, it might come across as “conspiracy theories” or far-fetched sensationalism.

And while some of the predictions of how this technology can be used in the future might seem to be speculative at this point, it is based on hard evidence of what is really happening TODAY, in areas like geoengineering, nanotechnology, and the new proposed 5G networks.

None of these technologies are speculative. They are already being used. The only questions remaining are who will control these technologies, and to what extent will they be implemented? ...

What is written here by John P. Thomas is the result of years of research. To fully understand these topics, you will need to read the links to previous investigative reports, and follow the footnoted references as well to examine the evidence for yourself.

You will not read any of this in the corporate-sponsored “mainstream” media networks. ...

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■ On censorship: Defending Assange and basic freedoms: think bigger – much bigger by Al Burke

2 August 2019

<https://off-guardian.org/2019/08/02/defending-assange-and-basic-freedoms-think-bigger-much-bigger/>

Around the globe, well-informed and dedicated souls have for years been explicating the persecution of Julian Assange and its much broader implications. They include the likes of Suzie Dawson in New Zealand, Caitlin Johnstone in Australia, John Pilger in Britain and Joe Lauria in the United States, to mention just a few.

Their work has been invaluable for those who want to learn, or are at least susceptible to the facts of the case. But there is sadly little evidence that their efforts have yet to result in a fundamental shift in public awareness or concern. That is likely because the persecutors and their allies are more lavishly funded, better organised and more firmly established.

Those malignant forces include the USA-led governments that have long conspired in the persecution of Assange and the corresponding threat to the basic freedoms of everyone. Equally or even more important, they also

include all but a small and shifting segment of the world's most influential media — including such [Ed. used to be] venerable institutions as *The Guardian* which in the past has exposed and denounced government crimes rather than, as in the Assange case, aiding and abetting them. ...

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■ US navy regards electromagnetic propulsion & Tesla shield patents as operable, by Michael Salla

16 August 2019

<https://www.exopolitics.org/us-navy-regards-electromagnetic-propulsion-tesla-shield-patents-as-operable/>

... However, in these patent documents, the inventor Salvatore Pais, Naval Air Warfare Center Aircraft Division's (NAWCAD) patent attorney Mark O. Glut, and the U.S. Naval Aviation Enterprise's Chief Technology Officer Dr. James Sheehy, all assert that these inventions are not only enabled, but *operable*.

...

In addition to the HUAC discussed earlier, another successful patent is the "The High Energy Electromagnetic Field Generator (HEEMFG)" which is essentially an electromagnetic forcefield. The patent's significance was [explained by Tingley](#):

In [the patent](#) for the HEEMFG, the technology is described as being able to create what is essentially a force field straight out of science fiction, one that could generate "an impenetrable defensive shield to sea and land as well as space-based military and civilian assets, protecting these assets from such threats as Anti-Ship Ballistic Missiles, Radar Evading Cruise Missiles, Top Attack for Main Battle Tanks (land and sea-based systems), as well as counteracting the effects of solar-induced Coronal Mass Ejections or defending critical military satellites in an ASAT [anti-satellite] role (space based system).

The similarity to Nikola Tesla's electromagnetic shield is striking. [Back in the 1930's](#), Tesla proposed an electromagnetic shield based on scalar waves, [explained as follows](#):

Scalar Waves can be warped into a dome around objects, such as cities or houses (publishing companies included). Such a Scalar Wave force field is generally known as a Tesla Shield, and

it would be analogous to the “shields” referred to in the popular “Star Trek” series. Tesla Shields have a definite defensive application, and could not in any way be used for offensive purposes (although a platoon of soldiers charging into a Tesla Shield would be instantly disintegrated). The only defense from a blast of a Scalar Wave Howitzer would be a Tesla Shield. ...

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■ **Me, Me, Me – The neurotic satisfactions of the selfie generation by Julian Rose**

21 July 2019

<http://internationaltimes.it/me-me-me-the-neurotic-satisfactions-of-the-selfie-generation/>



We humans are rather curious creatures, I'll admit. So many sides to our nature, so many colours to our emotions, so many journeys of our imaginations. But the question must arise, do we learn any more about these traits by making ourselves the perpetual object of our own fascination?

One would certainly assume so based upon the cult of the 'selfie' which rages around the world at this particular juncture of human evolution. I am tempted to say 'devolution', but going backwards would at least stand the chance of putting us in touch with something tangible, earthy even – whereas to live life as a virtual reality experience with one's own photographic image as the central point of attraction – fails to provoke my sense of admiration for the human race.

The cult of the selfie has gone so far that reports are now emerging that addicts often put themselves in positions of real danger in order to get the perfect shot. A number have already died as a result of the dare-devil approach to getting the perfect selfie.

If I was to take a relaxed and laid-back view of all this, I might say “OK, sure, we all need to get our kicks in some form or other, just let it be – let people have fun with their cameras on poles; apart from the excesses we hear about it's pretty harmless fun isn't it?” It would be simple enough to go along with such a prognosis were it not for the fact that the whole thing is surely telling us something more than just what the crazy craze of the

moment is. It is telling us something quite profound about an advanced preoccupation with superficiality per se. A kind of ego flattering sport whose popularity has presently reached the point of pandemic. Is this just a kick-back against a sense of loneliness and sense of insignificance in a world that appears indifferent to the fate of the individual? Is it a wish to be noticed in an age of hyper inflated promotion of the engineered stars of stage, screen, video, social media et al? A range of elevated self importance that runs from TV chef to porn star to political poser?...

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■ **Elizabeth Dossano:**

■ **DECLARATION
UNIVERSELLE des droits
des ESPECES VIVANTES**

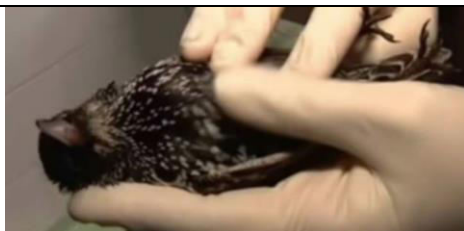
<https://www.facebook.com/notes/dossano-elizabeth/declaration-universelle-des-droits-des-especes-vivantes/2216302891738942/>

■ **Studies link BEE decline to CELL PHONES**

<https://www.facebook.com/notes/dossano-elizabeth/studies-link-bee-decline-to-cell-phones/2365228366846393/>

■ **5G ECOCIDE REVELE / tous les etres vivants et humains en danger extreme**

<https://www.facebook.com/notes/dossano-elizabeth/5g-ecocide-revele-tous-les-etres-vivants-et-humains-en-danger-extreme/2380526958649867/>



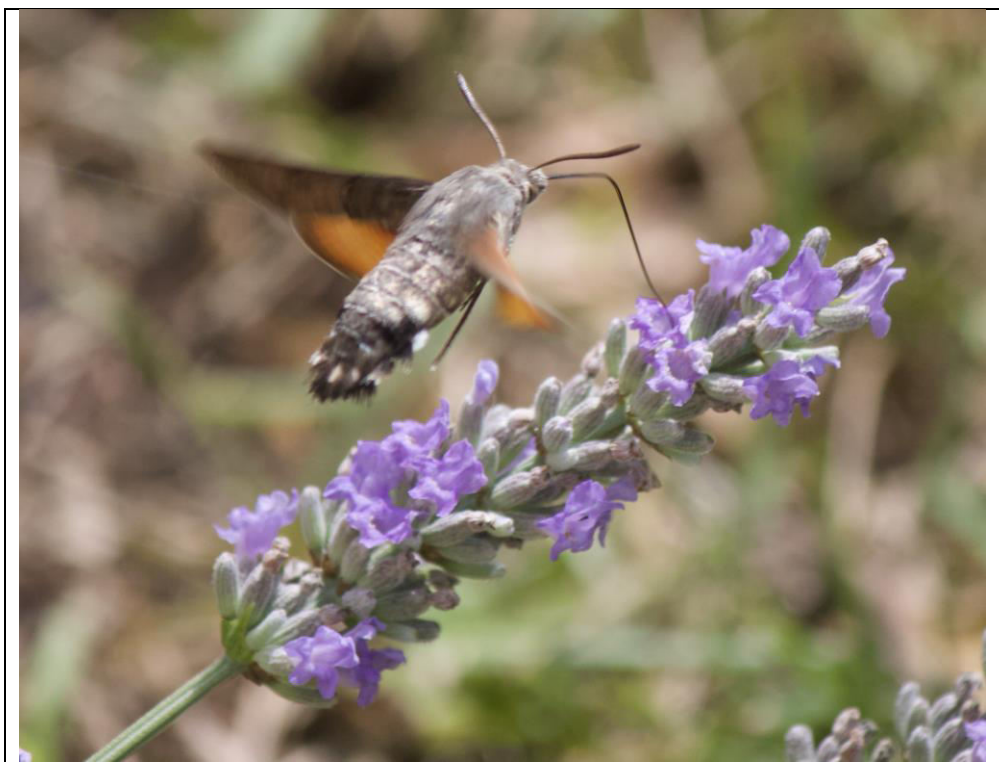
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■ **Photos from Olga Sheean's garden**

20 July 2019

Hummingbird moths feeding on the lavender outside the window.





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6. 5G EVENTS

- **The 5G Crisis: Awareness & Accountability Summit Encore weekend 7 & 8 September 2019**

https://the5gsummit.com/?idev_id=26107

Encore weekend for Josh del Sol's and Sayer Ji's excellent **The 5G Crisis: Awareness & Accountability Summit**. Some short and powerful clips from the Summit: Robert F. Kennedy quoting Martin Luther King

<https://www.facebook.com/josh.del.sol/videos/2469857026398357/>

FREE & ONLINE AUG 26 - SEPT 1

5GCRISIS
AWARENESS & ACCOUNTABILITY



Dietrich Klinghardt, MD, PhD
Day 3: "Best Protection
From EMFs and 5G"

"We do know that cell phone use of teenagers and children is destroying the humanity of their brain. It is limiting the brain development... certain aspects of humanity — like compassion and considering others — are the first parts of the brain that are getting disabled. And that is a very scary development."

THE BIGGEST ONLINE EVENT OF THE SUMMER:
the5gsummit.com

Or
<https://www.facebook.com/DavidAvocadoWolfe/videos/2122968661148738/>
 Robert F. Kennedy talking about the children in a toxic soup
<https://www.facebook.com/greenmedinfo/videos/2436875649879608/?v=2436875649879608>
 Tom O'Bryan
<https://www.facebook.com/TakeBackYourPower/videos/506127900180428/>
 Or
<https://www.facebook.com/TakeBackYourPower/videos/565635423970392/> Dr.
 Sharon Goldberg
<https://www.facebook.com/greenmedinfo/videos/483688972194408/>
 Dr Kilnghardt (on deleting empathy)
<https://www.youtube.com/watch?v=ITIde6O4veU>
 Dr Devra Davis
<https://www.facebook.com/greenmedinfo/videos/344714919768531/>
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■ **Netherlands: 15 September | 5G The Trojan Horse: Ultimate Science deel 1 | Melkweg Amsterdam**

<https://www.earth-matters.nl/5/14576/gezondheid/5g-trojan-horse.html>

Speakers:

Cal Washington

Raymond Broomhall

Claire Edwards

Patrick Wood

Barrie Trower

Mark Steele

Sacha Stone

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Austria: Samstag, 21 September 2019, demo in Wien, Platz der Menschenrechte, 11 a.m.-7 p.m.

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■ Austria: Nationalratswahl (Elections)

Liebe Interessierte zum Thema „STOP-Smart Meter“!

Um das Thema Smart Meter auch für die Nationalratswahl noch präsenter zu machen, bitten wir euch unbedingt, den wahlwerbenden Parteien ein Mail zu senden (oder auch anzurufen).



Bitte dran bleiben und unbedingt mitmachen, dauert nur ein paar Minuten:

Schreibt in einem kurzen Mail in ein paar Sätzen und mit euren eigenen Worten, ein paar Fragen oder eure Meinung zu Smart Meter – wie z.Bsp.

- Warum ihr keinen Smart Meter wollt (Überwachung, Elektrosmog, Fernzugriff, Fernabschaltung, ökonomischer und ökologischer Wahnsinn, Selbstbestimmungsrecht im eigenen Heim,)
- Dass Smart Meter nicht für das Netz der Zukunft nötig sind und auch nicht für eine Energiewende - [HIER](#)
- Dass ihr auch keinen Smart Meter mit Opt-Out wollt, da hier das gleiche Gerät eingebaut wird und dies an den Problemen kaum etwas ändert. - [HIER](#)
- Dass ihr eine Wahlfreiheit für das eigene Heim fordert und dies eigentlich selbstverständlich sein sollte.
- Es doch in einem Land wie Österreich nicht sein kann, dass man mit Überrumpelung, Druck, Drohungen, Klagen und Stromabschaltungen zum Einbau eines hochproblematischen Gerätes erpresst wird.
- Frage: Ob die Wahlwerbende Partei den [Rechnungshofbericht](#) gelesen hat, der die unfassbaren Vorkommnisse bei der Smart Meter Einführung zu Tage gefördert hat, uns was sie hier unternehmen will.
- Frage: Wie die wahlwerbende Partei zum Thema Smart Meter steht und was sie gedenkt hier zu unternehmen - um für mich (meine Familie) wählbar zu sein.

Hier die Kontaktadressen der Parteien, welche auf dem Stimmzettel stehen werden:

ÖVP - email@oevp.at - 01/40126-0

SPÖ - spoe@spoe.at - 01/3910200

FPÖ - bgst@fpoe.at - 01/5123535-0

NEOS - kontakt@neos.eu

JETZT - office@partei.jetzt – 01/8907414

KPÖ - bundesvorstand@kpoe.at – 01/5036580

GRÜNE - bundesbuero@gruene.at – 01/40110-6698

WANDEL - kontakt@derwandel.at - 0660/4500768

BZÖ - (nur in Kärnten) - office@bzoe-kaernten.at - 0463/501 246

CPÖ - nur im Burgenland - office@cpoe.or.at - 0676/3314686

SLP – (nur in Oberösterreich) - slp@slp.at - 01/5246310

GILT – (nur in Vorarlberg und Tirol) - kontakt@gilt.at

BPÖ – (nur in Wien) - pogo@turbobier.at

Hier alle Mailadressen zusammengefasst zum Kopieren:

email@oevp.at; spoe@spoe.at; bgst@fpoe.at; kontakt@neos.eu;

office@partei.jetzt; bundesvorstand@kpoe.at; bundesbuero@gruene.at;

kontakt@derwandel.at; office@bzoe-kaernten.at; office@cpoe.or.at;

slp@slp.at; kontakt@gilt.at; pogo@turbobier.at;

Wenn viele mitmachen, kommen dort tausende E-Mails an und zeigt, dass dieses Thema sehr viele Menschen bewegt.

Bitte also unbedingt mitmachen und E-Mails schreiben. Vielen Dank

Für Fragen, Anregungen, Vernetzungswünsche etc. stehen wir gerne zur Verfügung. Vielen herzlichen Dank und liebe Grüße

Euer STOP-Smartmeter Team - info@stop-smartmeter.at - www.stop-smartmeter.at

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■ **Deutschland: Internationales Symposium: Biologische Wirkungen des Mobilfunks / International Public Symposium: Biological effects of wireless technology**

Electoral Palace, Mainz, Germany / Kurfürstliches Schloss Mainz

04.10.2019 - 06.10.2019

Flyer: https://kompetenzinitiative.com/wp-content/uploads/2019/06/Einladung_EN_Download.pdf

Information:

<https://kompetenzinitiative.com/veranstaltungen/>

<https://kompetenzinitiative.com/en/veranstaltungen/>

Dr. Devra Davis, Dr. George L. Carlo, Dr. med. Marc Arazi, Dr. phil. Peter Ludwig, Klaus Scheidsteger, Dipl.-Ing., Lothar Moll and other champions, Peter Hensinger M.A., Prof. Dr. Dariusz Leszczynski, Prof. Dr. Gertraud Teuchert-Noodt, Prof. Dr. Martin Pall, Prof. Dr. med. Dominique Belpomme, Prof. Dr. med. Lennart Hardell, Prof. Dr. med. Michael Kundi, Prof. Dr. med. Wilhelm Mosgöller, Prof. Dr. phil. Karl Richter, Prof. Dr. rer.

nat. Klaus Buchner, Prof. Dr. rer. nat. Mario Babilon, Prof. Dr.-Ing. Wilfried Kühling, Prof. em. Prof. Dr. med. habil. Karl Hecht, Richter a.D. Bernd I. Budzinski

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■ **Eco Conference, Krakow, Poland, 5 October 2019**

Information: www.eko-cel.pl



■ **European Network of Scientists for Social and Environmental Responsibility (ENSSER) Conference: Science, Precaution, Innovation: towards the integrated governance of new technologies**

33615 Bielefeld Germany, 14/15 October 2019:

Monday, 14 October:

15:30 Second plenary session: "THE PP: ITS USE AND NEGLECT IN 5 CURRENT

CONTROVERSIES" - Electromagnetic fields (EMFs) - Prof. Theodore Metsis, University of Athens, Greece

Tuesday, 15 october:

10:30 - 12.30 Workshops on current controversies

Electromagnetic fields (EMFs): Prof. Theodore Metsis, University Athens, Greece

<https://ensser.org/events/2019/pp-conference/>

Programme: <https://ensser.org/wp-content/plugins/download-attachments/includes/download.php?id=2480>

The Precautionary Principle (PP), now 45 years old (German Clean Air Act, 1974), concerns situations where the available scientific information about possible harm from human-made innovations gives decision-makers reasonable grounds to suspect possible harm to human health, the environment or biodiversity, but where scientific certainty is lacking. The PP in such situations lawfully justifies decision makers taking precautionary measures to avoid such harm.

Although enshrined in the EU treaty and formally a pillar of EU policy, the PP is often ignored, misinterpreted or violated by the EU Commission and member states. Furthermore, corporate lobbyists and some scientific



interests continuously attempt to undermine and erode the PP, mistakenly portraying it as if it was a hindrance to innovation, and even as “anti-scientific”. Their introduction in recent years of a so called “innovation principle” (which is already enshrined in the EU legislation and Action programmes) may well erode this science-based standard and prioritize particularly powerful incumbent economic interests over the high level of protection provided in the EU Treaty. Truly sustainable innovations, however, require conformity with the PP, and a more comprehensive assessment of what (if any) social benefits, and which social needs, may be met.

In this conference we will present and critically appraise examples which illustrate the importance of the PP and discuss what is required to ensure that it will be used wisely and more frequently. Speakers will take into account the scientific, legal and social challenges and their real-life implications for the effective implementation of the PP. ...

Background

The Precautionary Principle (PP), or “Vorsorgeprinzip” after its original author of the 1970s, Konrad von Moltke, and its legal origin in the German Clean Air Act (1974), concerns situations where the available scientific information about technological-scientific innovations gives decision makers reasonable grounds to suspect possible harm to human health, the environment or biodiversity from such innovations, but where scientific certainty is lacking. The PP in such situations lawfully justifies decision makers taking precautionary measures to avoid such harm. It can be invoked in policy decisions on subject matters such as environmental degradation or it can be applied in a particular regulation such as laws regulating genetically modified organisms. As such the PP is now established in Article 191 of the EU Treaty as a central principle of EU law.

It is also enshrined in over 60 International Treaties or Declarations, e.g. as Principle 15 of the 1992 UN Rio Summit Declaration on Environment and Development, which states that a ‘precautionary approach’ shall be applied to protect the environment: *“Where there are threats of serious or irreversible damage, lack of full scientific certainty shall not be used as a reason for postponing cost-effective measures to prevent environmental degradation.”*

After the PP was enshrined in Article 191 of the Treaty on the Functioning of the EU, there was considerable confusion regarding its scope, so the EU Commission issued a Communication establishing common guidelines on the implementation of the PP in 2000. There it was made explicit that apart from environmental protection, it also covers consumer policy and

human, animal and plant health. Furthermore, it was stressed that the PP may only be invoked in the event of a potential risk and can never justify arbitrary decisions, such as protectionist measures to prevent the import of goods which might compete with domestic industries. It has to be based on “the fullest possible scientific evaluation” and on a determination of the nature and degree of scientific uncertainties.

Article 11(10) of the 2000 Cartagena Protocol on Biosafety for Living Modified Organisms (i.e. genetically modified organisms, GMOs) states: “...lack of scientific certainty due to insufficient relevant scientific information and knowledge regarding the extent of the potential adverse effects of a living modified organism [...] shall not prevent that Party from taking a decision, as appropriate, with regard to the import of that living modified organism [...] in order to avoid or minimize such potential adverse effects.” Furthermore, the PP is invoked in a considerable number of international treaties, including the 1992 UN Framework Convention on Climate Change, the 1993 UN Convention on Biological Diversity, the 1992/1998 OSPAR Convention on North Sea Marine Pollution, the 1990 EU Directive on deliberate release of GMOs, the Regulation (EC) No 178/2002 establishing the European Food Safety Authority and procedures in matters of food safety.

The US Wingspread Conference Statement on the Precautionary Principle issued in 1998 emphasised that “open, informed and democratic” processes should be involved in the application of the PP and “must include potentially affected parties”. ...

Why has it been so difficult to implement the PP in these fields? One reason may be that the PP is mistakenly portrayed as if it is an obstacle to innovation. This has led to a tendency of the European Commission and national governments to implement the PP in an extremely reductionistic and thus limited manner. For some technologies (like GM crops), EU legislation explicitly includes references to precaution, but the legislation is interpreted and then implemented poorly (an administrative as well as a scientific advisory failure).

In other cases (like EMFs and EDCs), the standards for exposure are based on reductionist science that undermines implementation of the PP. In some cases (like pesticides), legislation needs to be improved to reflect the PP. The tension between process-based and product-based regulation is one of the symptoms of the problem. The EU’s GM legislation, for instance, is partly process-based, as it is about GM as a process, investigation of which shows scientific lack of control of those processes; but it is partly also product-based in that it only considers GM crops on a

case-by-case basis, which by definition cannot include questions concerning possible cumulative effects from multiple independent varieties, nor indirect effects – both of which are expressly included in the salient EU legislation. This limits the assessment of the underlying technology and the framing of assessments for potential risks. To portray such regulatory assessments as if consistent with the PP, and thus with European law, is misleading and dangerous. Such profound interpretive dislocations within scientific, commercial and policy domains call for the kind of informed presentations and discussion that ENSSER is proposing.

At this conference, we will discuss these challenges to the evidence-based implementation of the PP from an interdisciplinary perspective. ENSSER wishes to explore how, rather than hindering innovation and economic welfare, implementing the PP would actively support *sustainable innovation*. In particular, discussions will test the conditions under which the more deliberate social steering of innovation facilitated by precaution under uncertainty can offer to better address the multiple complex challenges of sustainability which are otherwise side-lined by incumbent economic interests and structures (Stirling, A. (2017) 'Precaution in the Governance of Technology', in Brownsword, R., Scotford, E., and Yeung, K. (eds) *Oxford Handbook on the Law and Regulation of Technology*. Oxford: Oxford University Press).

We shall present and critically assess cases illustrating the importance of the PP and discuss what is required for its proper implementation. We shall take into account scientific, legal and social challenges and their real-life implications for an effective implementation of the precautionary principle.

One key challenge is to explore different options from the existing (rarely debated) assumption that the burden of proof of harm naturally lies with those who support regulatory measures that may constrain innovations.

Another entrenched policy assumption, which is that scientific risk assessment (RA) is naturally precautionary, i.e. the PP is only needed if risk assessors highlight key policy-relevant uncertainties and recommend “uncertainty factors” and some precautionary measures, will be carefully scrutinised through real-world cases. The conference will also explore the role of risk assessment policies in influencing the extent to which risk assessments may be more or less precautionary. Viable paths to a reasonable confidence of no harm to public health, biodiversity and the environment will be identified on the basis of currently available knowledge. More specifically, the cases of pesticide use, genetically modified crops, electromagnetic fields and endocrine disrupting

compounds will be presented by eminent speakers. ...

Consequently, ENSSER promotes the application of the PP in the context of a lack of knowledge, scientific ignorance and scientific uncertainty where there may be serious or irreversible threats to health, social integrity and the environment from new or existing technologies. As ENSSER members have explained[1], this also involves influencing innovation trajectories that support the development of sustainable, responsible and equitable technological options and trajectories, thus refuting the familiar misrepresentation of the PP as anti-innovation. The 34 case studies in the “Late Lessons from Early Warnings” reports from the EEA and the work of Nicholas Ashford at MIT comprehensively demonstrate that the timely application of the PP brings forward, often by decades, the smarter innovations needed to meet needs. Where it has not been applied e.g. on asbestos, leaded petrol, PCBs etc., these dominant yet harmful and “cheap” technological monopolies have blocked innovations for many years. ...

[1] E.g. “Late Lessons from Early Warnings: the Precautionary Principle 1896-2000”, European Environment Agency, 2001, https://www.eea.europa.eu/publications/environmental_issue_report_2001_22 and “Late Lessons from Early Warnings: Science, Precaution, Innovation”, EEA, 2013, <https://www.eea.europa.eu/publications/late-lessons-2>

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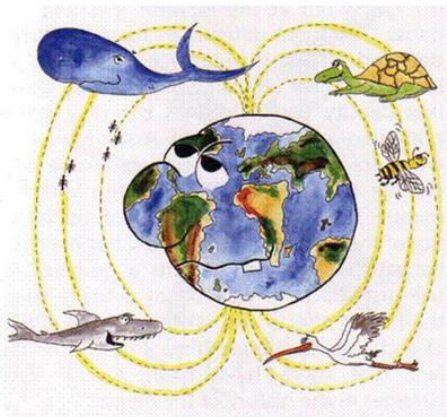
■ International Workshop on the effect of electric, magnetic and electromagnetic fields on the living environment
Munich, 5-7 November 2019

Announcement: International Workshop on the effect of electric, magnetic and electromagnetic fields on the living Environment

(5-7) November 2019 in Munich

- Exposure assessment and dosimetry
- Action mechanisms
- ELF - power lines and cables:
 - Plants
 - Insects
 - Fish, birds and mammals
- HF – mobile communication, 5G
 - Plants
 - Insects
 - Birds and mammals

Current state of knowledge, knowledge gaps and uncertainties, research needs



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■ **Web Summit, Altice Arena & Fil, Lisbon, Portugal, 4-7 November, 2019**

<https://websummit.com/>

Speakers include former UK Prime Minister Tony Blair, UN Secretary-General António Guterres and European Commissioner for Competition Margrethe Vestager. Who would want to miss this opportunity to ask them some hard questions about 5G?



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■ **Open Minds Conference, 8-10 November 2019**

www.openmindsconference.com

Friday, 8 November: Claire Edwards: The People's Uprising Against 5G



Open Minds Ireland Conference 2019

Three Days Of Truth, Knowledge And Awareness

8-10th Of November 2019, Dooleys Hotel, Waterford City

openmindsconference.com

Andy Thomas · Anna Kavanagh · Breda Gardner · Brian McCarthy · David Burke · Derek O'Neill · Those Conspiracy Guys · Clive de Carle · Claire Edwards · Helen Sewell · John Connors · Kathy Sinnott · Martin Duffy · Mary Helen Hensley · Nathan Riddett · Pat Falvey · Patricia Cori · Terry McMahon · Vera T...



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EVENTS

7. 5G ACTIONS

Please consider organising A **STOP 5G CONFERENCE** in your area. You may wish to organize an **EVENT** or a **MEDITATION**. Please post ads & photos to [#Stop5GAppeal](#) and [#Stop5G](#).

■ Days for demos

- 1st of every month - **DISCONNECT DAY** - EUROPEAN MOBILE PHONE STRIKE and WI-FI (don't forget your Out-of-Office notice to let everyone know why) – this is an initiative of the European Stop 5G Alliance ([downloadable poster here](#))
- 19 September - first anniversary of publication of the **International Appeal to Stop 5G on Earth and in Space**
- Kundgebung und Demonstration am Sonntag, 22. September, 13:00 Uhr - STOPP 5G - DEMO in Berlin zur Bundestagsanhörung <https://terminplaner4.dfn.de/PcTrkvuEdugBcwBw?fbclid=IwAR13CDKkMKBtfmkMBY11KiBj7h6y-E0YamfxHe-Eh3j82wVkJZStIsTmNk>



We will be sending the [Appeal](#) to the EU, UN, WHO and world governments in October. If events could be organised to support this in September and October, it would make it more effective. We currently have over 125,000 signatories. It would also help if people would take the [Appeal](#) in the appropriate language and send or hand-deliver it to all members of their national parliament individually, as well as to any other appropriate organisations and officials. Thank you.



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■ Talking points for demos

Facts about 5G:

1. 5G was never tested for health or safety.
2. It's a completely different technology from earlier generations. It was previously a weapons technology.
3. The "thermal hypothesis" (= only heating effects) is a lie: the biological effects have been documented since electricity was first generated in 1746. There are at least 20,000+ peer-reviewed research studies on this.
4. Biological effects occur at all different frequencies - it's not only a question of higher frequencies.
5. 5G will need millions of transmitters, at least every third house, and very close to each home as it does not penetrate solid objects easily.
6. 5G uses "phased array" antennas, which means up to or more than 1,000 antennas together (not a single antenna, as for 1-4G)
7. Phased array antennas produce laser-like beams - with the Internet of things, people will be assaulted by these laser-like beams millions of times all day, every day.
8. At least 100 million people worldwide suffer from "microwave sickness" and are tortured by electromagnetic radiation - many can no longer work or live in society so are homeless and penniless.
9. 23,000 5G satellites are planned, to "blanket" the Earth in millimeter waves, from which neither people nor nature would escape.
10. From 1994-2002, the UK house sparrow population declined 75% and it was classed as an endanger species. This coincided with the



deployment of mobile phone technology.

11. When Marconi was experimenting with wireless telegraphy on the Isle of Wight at the end of the 19th century, 90% of the bees died there and all colonies subsequently brought in at the time also died.

12. How did we get into this situation? Through regulatory capture by industry.

It would be a good idea to make sure that people at demos are familiar with these talking points.

Here is a link to a **template for printing business cards** about the International Appeal to Stop 5G on Earth and in Space:

<https://www.5gexposed.com/wp-content/uploads/2019/06/Stop-5G-Appeal-January-2019-1.png>. These could be given to media representatives so that they can get the facts. The Appeal is supported by over 100 references, pointing to over 10,000 studies.

And here is a link to a **template for printing stickers** advertising the International Appeal to Stop 5G on Earth and in Space:

<https://www.5gexposed.com/wp-content/uploads/2019/06/ENGLISH-APPEAL-LABELS-X-14-7-X-2.pdf>.



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■ **Cece Doucette video: Framingham Green New Deal Town Hall meeting – getting to safe technology – PLEASE SHARE**

29 August 2019

<https://www.youtube.com/watch?v=QctbETHPfDc>

With gratitude to Keith Marciniak for producing this clip, here is my statement at the Framingham Green New Deal Town Hall last week. Markey acknowledges biological risk. In the video description, I have included links to the NTP and Ramazzini studies, as well as Reinventing Wires: The Future of Landlines and Networks -- the roadmap to safe technology in our communities.

Suggestions for using this video to move the needle closer to safe technology:

- Please share with your federal legislators and ask them to hold the FCC accountable for biologically and environmentally safe technology. They get many emails, so be sure to follow up with a phone call to let them know the email is there.

• Share with your own state legislators and ask them to pass the Massachusetts EMF bills ASAP. Ask for a meeting in district to discuss. Again, be sure to follow up with a phone call to let them know the email is there.

• Share with your town leaders and ask for a meeting to discuss safe technology in your town. This could be a 1:1 introductory meeting, or time on a town board meeting agenda. Phone calls help here too.

I'd be honored to join you if I can, but local residents need to set up the meetings and keep the ball rolling after meetings. Nobody's going to fix this for us, so it's up to us to make it a priority to do the leg work if we want change in our communities.

Many of you are already making important inroads, and we are so grateful!

Cecelia (Cece) Doucette, MTPW, BA

Technology Safety Educator

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■ Nick Pineault – The EMF Guy - newsletter: Child Survey

29 July 2019

<https://theemfguy.com/> (see newsletter)

It's Beth Lambert's keynote that touched me the most (you can watch it [here](#)).

As Beth shared in her talk, the reality is that a whopping 50% of all children in the US (similar trends seen in other Western countries) suffer from chronic disease. What the heck?

The vast majority of these conditions simply cannot be blamed on genetics. The truth is that most of them are caused by "environmental factors".

Here's where science is kind of stuck right now -- most studies are trying to find out if ONE factor is THE culprit behind the dramatic increase we're seeing in autism, allergies, autoimmunity and the slew of other conditions

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■ UK: Report a problem with a street light

<https://www.gov.uk/report-problem-street-light>

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■ UK: Devon residents challenge Councillors on 5G

13 August 2019

<https://www.youtube.com/watch?v=KNFMoL608mk&feature=youtu.be>

Residents in Devon challenge Devon County Council on 5G and the telecommunications equipment being installed on the streetlights despite the council denying it.

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■ Austria news / Österreich

Liebe Vortagsbesucher und Betroffene!

Diese Woche gab es gleich **drei Veröffentlichungen zu 5G**, die mir bekannt geworden sind:

Aktuell gibt es **auf ORF den 3-Minuten-Bericht über die Demo** gegen den neu zu bauenden Funkmasten in Kärnten, siehe <https://tvthek.orf.at/profile/Kaernten-heute/70022>

der aller Erfahrung nach **bald unwiederbringlich gelöscht** wird. Daher hier schon der Link zum baldigen Ansehen. Es ist **der 2. Beitrag** innerhalb dieser Nachrichten-Sendung, ca. ab Min. 3.37.

Ich rate zu **manuellem Kopieren des Links** in ein neues Browserfenster, weil das direkte Anklicken des Links oft nicht richtig funktioniert. (Tipp für Nicht-Experten: Mit Mauszeiger an das Ende des Links gehen, linke Maustaste drücken und halten, Maus bis zum Anfang des Links ziehen, Maustaste loslassen, dann gleichzeitig Strg + C für Kopieren drücken u. wieder loslassen, neues Browserfenster öffnen und in die Browserzeile klicken und dann mit Strg. + V den gespeicherten Link reinkopieren) Separat berichtet Die **KRONE Salzburg** vom Di. über den **Widerstand in Ebenau gegen 5G-Funk** und den Wunsch nach Glasfaserkabel für jedes Haus!

Für **Fr., 6. Sept., 19 Uhr** ist im **Gemeindesaal Ebenau** ein **Vortrag über 5G** und bereits bekannte, handfeste **Auswirkungen** von Mobilfunkstrahlung auf Mensch und Gesundheit vorgesehen! Foto von "Ebenau"-Bericht anbei! **Bitte Leserbriefe schreiben!** Ermutigung an Bürgermeister?!

Bitte mithelfen, dass es bald vernünftiger Lösungen gibt als 5G-Zwangsfunk durch alle Mauern!

Z.B. Glasfaser bis dicht an oder in die Häuser, genau so wie Frischwasser, Strom, Fernwärme etc., die ja auch nicht durch Fenster und Mauern in unsere Wohnungen reingespritzt werden, sondern

strahlungsfrei und gesundheitsverträglich durch ordentliche Leitungen fließen.

Das wäre eine **aktive Umsetzung der EU-Resolution 1815:**

Die Reduzierung der EMF-Belastungen und die **Rücksichtnahme auf Personen mit einer körperlichen Intoleranz gegenüber EMF** wird in der **Resolution 1815 (Europarat 2011)** allen Mitgliedsstaaten des Council of Europe empfohlen:

„8.1.1. **take all reasonable measures to reduce exposure to electromagnetic fields**, especially to radio frequencies from mobile phones, an particulary the **exposure to children and young people...**

8.1.2. ... apply ALARA principles, covering both thermal effects and the athermic or biological effects of electromagnetic emissions or radiation; ...

8.1.4. pay particular **attention to „electrosensitive“ people** who suffer from a syndrome of **intolerance to electromagnetic fields** and introduce special measures to protect them, including the **creation of wave-free areas** not covered by the wireless network;“

Volltext dieser EU-Resolution siehe:

<http://assembly.coe.int/nw/xml/XRef/Xref-XML2HTML-en.asp?fileid=17994>

Und die IG-Erdkabel lädt mit Aktion 21 Austria Pro Bürgerbeteiligung zur **Infoveranstaltung über die 380-kV-Salzburgleitung** am Mi., 11. September 18:30 in Salzburg ein, siehe Anhang "Einladung..." Bayrhamerstraße 18, Im „Living Room“. Politiker und Entscheidungsträger hören zu, was den Bürgern wichtig ist. Hauptthema ist eine kritische Betrachtung über die Abhandlung des Verfahrens 380 kV-„Salzburgleitung“.

Vergleiche mit ähnlichen Fällen in Österreich.

Peter Müller

Sprecher der Selbsthilfegruppe Elektrosmog Salzburg

Tel.: 0043-6274-78066

E-Mail: arbeitskreis-elektrosmog@gmx.at

Homepage beim Land Salzburg:

www.salzburg.gv.at/selbsthilfegruppe-elektrosmog

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■ We say no to 5G In Australia: step-by-step Action Plan

<https://www.wesaynoto5ginaustralia.com/raymond-broomhall-action?fbclid=IwAR1eQC3wxq4JMXke5HMrMfHLwknRDvX29mhKNNznCJa88WbhraO5wN8Z-p8>

Top Tasmanian barrister Raymond Broomhall is speaking at events

around Australia using his expertise in the legal system to help us prepare an action plan.

Watch Videos:

1. [Doctor Russell Cooper](#) speaking at Perth 5G Action Event
2. [Raymond Broomhall](#) speaking at Perth 5G Action Event (part 1)
3. [Raymond Broomhall](#) (with Greg Melick) speaking at Perth 5G Action Event Part 2
4. [How to Take Action Against 5G](#) - Max Igan In Conversation With Ray Broomhall

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■ 5G Crisis Summit: Letter to elected representatives drafted by Ray Broomhall, Australian Barrister / Lettre que vous pourriez envoyer à vos élus

UPDATE: The Summit has had a huge impact at federal, state and local levels:

- In the USA, 68,354 notices were emailed to 19,200+ officials
- In Canada, 15,477 notices were emailed to 594 officials
- In Australia, 16,543 notices were emailed to 589 officials
- And more in other parts of the world!

In order to send a letter about the 5G crisis to officials,

--->>[Click here to fill out the "instant action" form to notify your officials!](#)

Version française (Veuillez noter que la loi diffère dans les pays européens et que, si vous souhaitez envoyer la lettre dans un pays européen, il est possible que le texte de la lettre convienne ou ne convienne pas. Veuillez faire usage de votre propre jugement si vous utilisez cette version en français).

From the website of Guy Boulianne in Canada: <https://guyboulianne.com>

Voici la traduction approximative de la lettre que vous pourriez envoyer à vos élus :

TITRE DE LA LETTRE : Le déploiement sans fil 5G menace de nuire à moi-même, ma famille et nos communautés [(lisez celle-ci et cliquez sur le bouton « Soumettre » **[seulement si vous êtes au Canada]**)].

Vous êtes mon représentant élu. Cet avis juridique de responsabilité est conçu pour être utilisé comme preuve devant un tribunal si nécessaire. Il a pour objectif de vous éclairer et de vous protéger des poursuites civiles et pénales pour vos actions et / ou omissions relatives au déploiement de la technologie 5G dans votre circonscription. Les petites cellules 4G / LTE

font partie intégrante du déploiement de la 5G. Cette technologie 5G m'exposera à des radiations électromagnétiques non ionisantes sans fil contre mon consentement et chez moi.

La contamination de ma maison par la 5G peut causer des dommages à ma maison si cela devient un risque pour ma santé et rend donc ma maison inhabitable. L'irradiation contre mon consentement de radiations électromagnétiques sans fil non ionisantes constituerait un recours à la force contre ma personne, qui fait craindre des blessures corporelles et pourrait être considéré comme une violation de propriété civile et / ou une agression criminelle.

Mon médecin peut diagnostiquer n'importe quel niveau d'exposition aux rayonnements électromagnétiques non ionisants d'origine humaine comme un effet néfaste sur la santé, conformément à la classification internationale des maladies de la CIM-CIM-10, code W90, rendant ainsi obsolète toute limite de sécurité fixée par les normes de sécurité du gouvernement pour protéger ma santé. Au besoin, je pourrai consulter mon médecin pour obtenir des conseils sur le problème de la 5G.

Si la technologie 5G est déployée dans votre circonscription, je m'attends à ce que vous, en tant que représentant élu, fassiez preuve de la diligence requise pour certifier que toutes les parties utilisant cette technologie disposent d'une couverture d'assurance suffisante pour réparer les dommages causés par l'émission de radiations électromagnétiques non ionisantes sans fil. Veuillez noter que cela pourrait poser un problème, car des souscripteurs tels que Lloyds of London ne sont pas assurés contre de tels dommages.

En tant que représentant élu, je vous exhorte à agir dans l'intérêt public en abordant les inconvénients potentiels cumulatifs de la densification (encombrement de petites cellules dans une zone limitée pour permettre la 5G) et en insistant pour que les autorités de réglementation de la sécurité publique doivent prouver que cette densification de la technologie 5G est sûre et que tout déploiement de la 5G, de l'Intelligence Artificielle (IA) et / ou de l'Internet des objets (IoT) est réglementée de manière appropriée afin de ne pas compromettre la sécurité nationale, la sécurité et la vie privée du public et de moi-même.

Vous devez protéger le public contre les autres technologies sans fil nuisibles telles que le Wi-Fi dans les écoles, les compteurs « intelligents » sur les logements, etc., et remplacer ces technologies par des technologies filaires sûres et efficaces, telles que Ethernet et / ou la fibre optique, en tant que nœuds finaux des systèmes de diffusion Internet vers les logements, les écoles et les bâtiments commerciaux. Les villes avant-

gardistes le font déjà.

Je vous implore, en tant que représentant élu, d'agir dans l'intérêt public en protégeant le public et moi-même d'être persécuté par l'adoption de lois qui empêchent les tribunaux, les organismes chargés de l'application de la loi, les conseils municipaux et les administrations locales de prendre des mesures pour protéger le public des dommages à la santé et aux dommages causés par la 5G et d'autres technologies sans fil.

Je suis sincèrement préoccupé par votre bien-être, le grand public et le mien, et c'est une situation de la plus haute urgence. J'ai étudié les faits pertinents et suis donc conscient du danger. En conséquence, j'ai peur et je prends très au sérieux les risques de dommage et de préjudice.

Pour vous aider à vous familiariser avec ce sujet extrêmement important, rendez-vous sur the5Gsummit.com et écoutez gratuitement ce que 40 experts de renom, scientifiques, médecins et avocats du monde entier ont à dire sur le sujet de la 5G. Experts qui ne sont pas censurés par le secteur des télécommunications, ni par les gouvernements capturés, ni par les médias capturés. En outre, pour vous aider dans vos études, veuillez consulter le rapport Bio-initiative 2012 (mis à jour en 2017) – Justification des normes d'exposition du public basées sur la biologie des champs électromagnétiques (ELF et RF) bioinitiative.org et *Physicians for Safe Technology – 5G Mobile Communications* mdsafetech.org.

Je vous implore, en tant que responsable civique et en tant que représentant élu, de vous informer sur cet important sujet et de me montrer, par vos décisions, vos actions et vos omissions, que vous prenez des mesures de précaution pour réduire le risque de préjudice pour moi-même et pour toute la population dans votre circonscription.

En tant qu'élu, vous êtes tenu responsable si vous ne prenez pas les mesures appropriées pour tenter de réduire ou de prévenir un tel préjudice, que ce soit pour moi ou pour le public. Par conséquent, vous engagez la responsabilité civile ou pénale.

Vos gens se lèvent et je vous implore de faire preuve de leadership et de défendre la santé et la sécurité de tous. Si vous le faites, de nombreux électeurs, législateurs et moi-même soutiendrons et ferons campagne pour vous.

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- **Campaign to stop the pilot installation of 5G in Kalamata in south Peloponnese**

Contact Dr. Theodore Metsis at
radiation.in.greece@gmail.com



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- **UN Human Rights Council Advisory Committee invites inputs on opportunities & challenges of new & emerging digital technologies on rights**

Deadline for submissions: 15 October 2019

<https://www.business-humanrights.org/en/un-human-rights-council-advisory-committee-invites-inputs-on-opportunities-challenges-of-new-emerging-digital-technologies-on-rights>

In July 2019, the UN Human Rights Council adopted a resolution entitled, "New and emerging digital technologies and human rights". In this resolution, the Council requested that the Advisory Committee prepare a report on the possible impacts, opportunities and challenges of new and emerging digital technologies with regard to the promotion and protection of human rights and to present the report to the Council at its forty-seventh session.

The Human Rights Council Advisory Committee invites inputs from key stakeholders on this topic via the questionnaire below by 15 October 2019.

Inputs should be sent via email, mail, or fax to the following address:

Secretariat of the Human Rights Council Advisory Committee

OHCHR - United Nations Office at Geneva

CH-1211 Geneva 10, Switzerland

E-mail: hrcadvisorycommittee@ohchr.org

Fax: +41 22 917 9011

From Catherine Kleiber: **Please take advantage of this opportunity to communicate about radiofrequency/microwave sickness to the UN Human Rights Council Advisory Committee - Deadline October 15, 2019. Send submissions to hrcadvisorycommittee@ohchr.org.**

Digital technology is having a profound effect on human rights for people

who have already become over exposed to radiofrequency/microwave radiation and have radiofrequency/microwave sickness, but is it also having a profound affect on numerous others who are not aware that their health issues are being caused by the radiofrequency exposures that result from digital technology directly (digital devices are *Incidental* and/or *Unintentional* RF radiators), indirectly because digital technology causes "dirty" electricity which pollutes the grid and causes electrical ground currents polluted with radifrequencies, and deliberately if the digital technology is also an intentional radiator - in other words it communicates wirelessly.

"Dirty" electricity (from both electrical devices and electrical system faults) and *Incidental Radiators* and *Unintentional Radiators* are important sources of exposure to radiofrequencies (www.electricalpollution.com). That exposure often occurs through capacitive coupling, but exposure to radiated RF can also occur. The FCC has several classes of RF emitters (transmitters). They include *Incidental Radiators* and *Unintentional Radiators*, as well as *Unlicensed Intentional Radiators*; *Industrial, Scientific, and Medical (ISM) Radiators*; and *Licensed Radiators*.

- *Incidental Radiators* include electrical motors, dimmer switches, wall warts/transformers. They radiate RF in the course of operation.
- *Unintentional Radiators* include devices that generate RF energy for internal use, but which are not intended to emit it, like computers and other electronics and some high efficiency lights. However, often substantial RF does radiate.
- *Unlicensed Intentional Radiators*, *ISM Radiators*, and *Licensed Radiators* all radiate RF intentionally.

Unfortunately, most people and doctors are unaware that *Incidental Radiators* and *Unintentional Radiators* are also sources of RF exposure. Electronics and other electrical devices often cause symptoms associated with RF exposure in individuals who have been overexposed simply because the devices themselves are sources of RF exposure. This is important for researchers to be aware of when designing experiments because RF exposure from *Incidental* and *Unintentional Radiators* can seriously confound the results of experiments, to the point of making them meaningless, if researchers fail to take this into account. It is also a very important point for the UN Human Rights Commission to

understand. Digital technology is violating human rights because it does not comply with biologically meaningful safety limits so we are guinea pigs in an ongoing experiment to see what will happen. Initial results show that these exposures are biologically damaging and are impairing peoples abilities to live socially integrated, healthy, happy lives (www.WeAreTheEvidence.org).

Another source of exposure to RF that has not been considered in public policy or in research design is RF resulting from the "Rusty-Bolt" Effect (www.electricalpollution.com/RFIdetection.html). The "Rusty-Bolt Effect" is an increasingly common and powerful source of RF radiation exposure. Essentially, conducted RF traveling across a metal to metal junction with even a little bit of corrosion can result in the generation of a very strong RF signal. This has been called the "Rusty-Bolt Effect". Conducted RF results from ambient RF radiation signals being picked up on metal. These ambient RF radiation signals can originate from any source of RF radiation, including any wireless technology or other source of radiofrequency interference (RFI). This source of exposure is increasing rapidly.

The RF transmission generated due to the "Rusty-Bolt" Effect varies with the frequency and strength of the signals coming into the metal to metal junction and some combinations are more potent than others. This is proving to be a very biologically potent source of RF exposure thereby adding another manner in which radiation from wireless technology causes harm and increasing the need to minimize ambient wireless radiation levels to protect public health. Increased ambient radiation levels and the "Rusty-Bolt" Effect can cause heat ducts, plumbing, wiring (even dead wiring), and any other metal to metal junctions to become strong and biologically hazardous sources of RF exposure. The only practical way to address this public health threat is to minimize ambient RF radiation levels. Since this is an involuntary exposure, the continued promotion by the UN of wireless technology violates human rights both due to the direct biological harm caused by wireless technology - oxidative damage, inappropriate activation of voltage-gated ion channels, and detrimental cardiac, neurological, and endocrine effects - and the biological harm resulting from the radiofrequency radiation wireless radiation causes through the "Rusty-Bolt Effect".

The UN needs to stop promoting digital technology as a green technology. It isn't. Not only does it guzzle energy, especially if it is wireless (<https://whatis5g.info/energy-consumption/>), it can be harmful to human health and the environment due to the radiofrequency pollution it

generates. The UN needs to establish a committee of experts whose original expertise is in biology/medicine/public health and who are knowledgeable about the biological effects of radiofrequency/microwave exposure with the purpose of having the committee establish biologically-based population-protective and environmentally-protective international standards for radiofrequency/microwave exposures from wireless technology, "dirty" electricity, radiofrequency radiation originating from the "Rusty-bolt Effect", and radiofrequency/microwave radiation originating from *Incidental Radiators* and *Unintentional Radiators*.

Regulation of *Incidental Radiators* and *Unintentional Radiators*, as well as *Unlicensed Intentional Radiators*, *Industrial, Scientific, and Medical (ISM) Radiators*, and *Licensed Radiators* needs to be tightened substantially. Regulation of *Incidental* or *Unintentional Radiators* was originally designed to prevent equipment from interfering with other equipment. We now know that the human body is extremely sensitive to that same interference. **Since the human body cannot be "hardened" to prevent "noise" (a source of radiofrequency exposure) from affecting it, regulations need to be tightened substantially to make electrical technology safe.**

A method for quickly setting initial RF exposure standards that would be protective against many of the biologically-based RF effects has been proposed in a paper by Dr. Pall (www.ncbi.nlm.nih.gov/pubmed/25879308). It is based on preventing effects on the voltage-gated calcium ion channels. It is a good place to begin with setting biologically-based RF safety limits that could be done quickly and objectively and should be started immediately. The hazard RF radiation poses to public health makes biologically-based population-protective RF safety limits of the utmost importance.

A list of steps for minimizing RF/MW exposures can be found on the Solutions page of my website, www.electricalpollution.com. Many people have experienced profound symptom relief when they take these steps.

Experts are speaking out about the serious risk that wireless radiation poses, see www.EHTrust.org and www.EMFScientist.org, and for anecdotes documenting the harm caused by RF exposure visit www.WeAreTheEvidence.org. The UN Human Rights Council Advisory Committee needs to listen!

DOWNLOAD DOCUMENT: Resolution adopted by the Human Rights Council on 11 July 2019

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■ S.U.N. elected representative for Wokingham, Berkshire, UK Nicholas Martin (UK)

I became aware of the harmful health effects of microwave radiation in air (namely modern mobile phone technology, wifi, 4G and 5G) to a large extent through researching the work of the scientist David Bohm, who worked with Einstein, and who had the great ability to explain to the layman like myself the nature of matter and consciousness in the world of quantum science. Particularly the place of electromagnetic fields of information that lie behind the manifestation of matter and thought consciousness.

Using this approach then it is impossible to deny that a polluting energy can disturb a given manifestation and Nikola Tesla proved this nearly 100 years ago.

In addition in the sphere of human health the work of Dr Jerry Tennant and Dr Martin Pall, two highly intelligent people, point out the nature of DNA in the transmission of data, which govern human health in human physiology.

These are things that cannot be denied.

Because of the suffering of people, I wanted to make as many other people aware of the dangers of the wrong use of 4G technology and now the worse dangers of 5G, because the BBC and the mass media in general refuse to.

As a result I became a local councillor for the political party SUN (Save Us Now). I wanted to work democratically, legally and truthfully from within the democratic political system we have.

SUN (<https://www.saveusnow.org.uk>) is the only political party dedicated to the eradication of 5G in the UK and I hope many others might join the party and help us use our democratic tools to point out the facts of 5G so that people can be informed nationally.



There are safer technologies available to us and we should be developing these.

VIDEO

Because the BBC and mass media are not informing people, the following video of a radio programme, to inform Londoners in particular, was made with two experts in the field: **5G – an examination of the facts:**

https://www.youtube.com/watch?v=fRGSn_7qx1A&t=326s.

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■ **VIDEO & ACTION**

SMASH-YOUR-MOBILE-PHONE CAMPAIGN

The best way to show that you reject 5G is to smash your cell phone and live without it. Video the smashing process and upload and publicise it. Here's an example to kick off the campaign:

'Smash-your-mobile-phone' campaign, reaction to Telemoveis, Conan Osiris, Portugal

<https://www.youtube.com/watch?v=g9HKK4XZZIE>

Read this page to understand exactly why your cell/mobile phone is killing you and everything you love:

<http://www.cellphonetaskforce.org/cell-phones-questions-and-answers-2/>

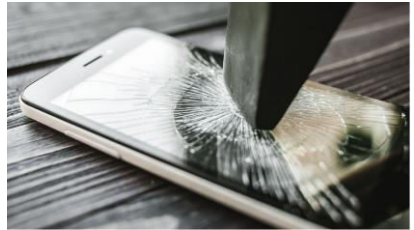
■ **School in China literally cracks down on students' phones**

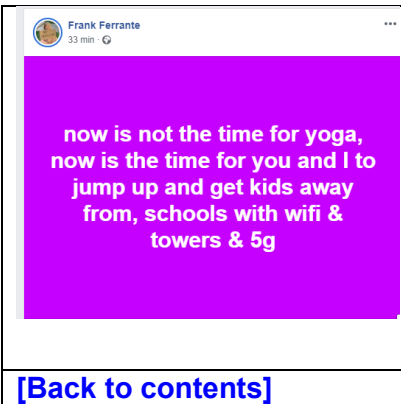

23 June 2017

<https://mashable.com/2017/06/23/china-school-destroys-phone/?europe=true>



Ed. Way to go! They've all got to go to stop this madness ...

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|  <p>now is not the time for yoga, now is the time for you and I to jump up and get kids away from, schools with wifi & towers & 5g</p> | <div>  Frank Ferrante 6 août, 03:07 · 🌐 </div> <p>grocery store clerk asks - "how ya doing today?"</p> <p>I answer - "Like shit. How can I possible feel any different after reading and learning about the 5g danger and that it being utilized is all over town! I see those kids right there and feel sick for them because no one is doing a goddamn thing to protect them. Thats how come my day is shit. I have to explain to everyone that what they are ignoring is going to kill us all. And sir, can you see if 2.4ghz from cell phone and wifi causes cancer, diabetes and brain damage, what will 28ghz from "5thGen" gonna do?"</p> <p>That is why I want to not be here anymore.</p> <p>👍 1</p> <p>1 commentaire</p> |
|---|---|

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8. FUNDING NEEDED

■ Funding needed for research by Professor Olle Johansson

Information at the following website:

<https://happyhomes7.wixsite.com/hehsite/undraiser-for-professor-olle-johans>

Funding will be used to support Professor Olle Johansson's ongoing and soon-to-be-started, collaborative projects on why electromagnetic fields are harming humans.



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■ Funding needed: The Irregulars: Bruce Kushnick and The IRREGULATORS win first round against the FCC. exposing the \$500B rip-off continues

24 June 2019

https://www.activistpost.com/2019/06/bruce-kushnick-and-the-irregulars-win-first-round-against-the-fcc-exposing-the-500b-rip-off-continues.html?utm_source=Activist+Post+Subscribers&utm_medium=email&utm_campaign=cdae9ff1d3-RSS_EMAIL_CAMPAIGN&utm_term=0_b0c7fb76bd-cdae9ff1d3-387959801

DONATE TO THE IRREGULATORS: <http://irregularators.org/irregularatorsvsfcc/>

... On May 20th, a group known as the Irregulars submitted legal briefs to the U.S. District Court in Washington, DC, seeking standing to appeal a Federal Communications Commission (FCC) decision that, in effect, has facilitated one of the largest accounting scandals in American history. The petitioners are accusing the FCC of allowing the nation's telecommunications companies – the telecom trust – to engage in a bookkeeping slight-of-hand scam that cost telecom users, states and tax payers across the country an estimated \$50-\$60 billion a year over the last decade. ...

From The Irregulars:

We consider this to be one of the largest accounting scandals in American history, impacting all of your communications services and choices in multiple and harmful ways. Our investigation found that the FCC's accounting rules have aided AT&T, Verizon Centurylink in unjustified rate increases, billions in tax dodging, the creation of the Digital Divide in rural areas and inner cities, as well as harms to competition or blocking competition. By not properly upgrading the networks to fiber optics, it allowed the cable companies to create made-up fees, do continual increases for broadband and internet, and lower the standards of customer services.

The deformed accounting even impacts all wireless services. Verizon has

been diverting much of their wireless fiber buildouts to be charged to the state-based utilities and local phone customers. At the same time, Verizon Wireless isn't paying market prices, which gives wireless obscene profit margins. Verizon then squeezes the competitors who rely on the Verizon networks as these other moves inflate the expenses the competitive wireless carriers have to pay. This, then, requires the competitors to keep their rates high to pay these inflated expenses. Verizon then sets their own wireless rates to match the inflated competitor rates. According to Rewheel, in 2019, America's cost per gig is 6 times more than in Europe or of the members of the OCED.

However, the real issue is that AT&T et al. have captured the FCC and many of the state commissions. As we will discuss, the FCC has put forward almost 25–40 separate but interlocking actions with the current plan to 'shut off the copper', dismantle the state utilities and turn over the wires to the wireless company as private property for personal use. At the same time, they use the promise of new wireless technology, 5G, to get rid of the remaining obligations and regulations, including the rights of cities and states to control the wireless service deployments in our communities.

<https://medium.com/@kushnickbruce/verizon-ny-2017-annual-report-reveals-billions-in-cross-subsidies-caused-by-the-fccs-accounting-5f9e60fbcd75>

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■ Funding needed for Polish 5G documentary

<https://pomagam.pl/en/megaustawa>

I don't believe in flat Earth theory. I am an engineer by profession, specializing in environmental protection and I wonder how it is possible that the government acts as a lobbyist for a technology worth billions of dollars and at the same time is unable to provide reliable research confirming its safety for the health and life of the people.

The scale of surveillance with equipment using 3 and 4G is already enormous. Because of that, there is a great risk that the so-called "Internet of Things" will be used as a spying technology, similar to what Orwell has



written about.

This is why I think that the blind rush of part of society for the possibility of watching 8 films at the same time on a smartphone, will result in the introduction of a law that will allow to conduct scientific and medical experiments without our voluntary consent - which is contrary to Art. 39 of the Polish Constitution of April 2, 1997. ...

As you probably know, producing films is not cheap.

The budget of our project consists of:

- pre-production (preparation),
- production (photo and sound production),
- post-production (editing, sound engineering, etc.).

It is post-production that requires an additional 10,000 PLN (ca. 2200 Euro). Also, we plan to make an English version of the film and to buy a second camera to make the film look more professional.

* 7.5% of the funds raised go back to pomagam.pl

CONTACT

email: olo.olo@interia.pl

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■ Collective Evolution – Funds needed

People-powered journalism to stop the 5G Infrastructure

https://explorers.collective-evolution.com/stop-5g/?utm_source=ce-website&utm_medium=organic&utm_campaign=below-article&utm_content=ad-1

We plan to investigate the telecom industry, it's ties to politics, and expose its efforts to push 5G while ignoring the dangers and without proper safety testing, but we can't do it without your support.

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9. STOP 5G ORGANIZATIONS / WEBSITES

■ PETITIONS

■ Geen 5G netwerk maar een verlaagde stralingsnorm

2019

<https://petities.nl/petitions/geen-5g-netwerk-maar-een-verlaagde-stralingsnorm?locale=nl>

6.888 ondertekeningen

Miljarden 5G-objecten + miljoenen 5G-basisstations + 20.000 5G-satellieten gaan ons binnenkort 24/7/365 intens bestralen, terwijl er in 10 jaar tijd, 1 quintillion x meer straling is bijgekomen. 5G (28-100 GHz) straalt

d.m.v. millimeter waves (phased array) een techniek voor non-lethal wapens.

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■ Des drones 5G géants dans le ciel de Maui (Hawaï) / Giant 5G Drones in Maui Skies?

20 August 2019

<https://www.youtube.com/watch?v=HubakItBxE&feature=share>

Pour activer les sous-titres en français, cliquez sur l'icône Sous-titres juste à côté de l'icône Paramètres représentée par une roue dentée (en bas à droite).

Dr Debra Greene

Published on Aug 20, 2019

<http://www.KeepYourPower.org> **Sign the Petition to Stop Giant 5G Drones.** This is a global issue. Anyone can sign.

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■ Irradiating Baby: Petition: Shame, shame, shame on these diaper companies!!!!

https://www.change.org/p/pampers-tell-pampers-wireless-smart-baby-diapers-are-not-safe-2?expired_session=true&fbclid=IwAR04nspzjUPWkmBPmehRPRYorfywAJIHljA65noB0Cqdlv1T2xYPYYrHo

Yep...RF transmitting baby diapers - brought to you by Pampers, Huggies, and other companies.

Sign and share this petition if you think placing wireless tech devices on developing infants is utterly shameful, and that manufacturers have no business profiting off of products that harm babies.

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■ **UK: Stop 5G Isle of Wight Petition**

<http://chnng.it/YtLZ8sBq79>

The petition has well over a thousand signatures, but 2,500 are urgently needed urgently to get the topic discussed at a full Council meeting to be held on 18 September. Please sign now.



■ **UK National Petition**

https://petition.parliament.uk/petitions/262842?fbclid=IwAR3_v59Z_tskk8sbRR8Id-9snv68oedVts2SvEpJXLUIKOUU3_q5UqdB9Q

■ **International Appeal to Stop 5G on Earth and in Space**

<https://www.5gspaceappeal.org/the-appeal>

The Appeal has 132,742 signatories from 203 nations and territories as of 7 September 2019. Please share it as widely as possible for signing before it is sent in October.

■ **Stop 5G Global Action Plan**

Please share the email furthest down from Stop 5G Crisis Summit (free 48- hour viewing 7 & 8 September) and this Action

Link: <https://the5gsummit.com/email-your-elected-reps/>

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■ **Links to stop 5G action groups across Australia**

August 2019

<https://tottnews.com/2019/06/01/5g-action-groups-australia/>

Stop 5G symposiums held in Queensland - Brisbane & Sunshine Coast

Contact Organiser, Paul Seils and Barrister, Raymond Broomhall

<https://stop5gglobal.org/>

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■ **Cell phone magnetic fields breach WHO's 0.3μT safety limit at 6,200 μT - dangerous to children (slide show from Ray Broomhall, Australian barrister)**

September 2019

<https://emrlegaeducation.com/latest-updates/>

Download slide show:

<https://emrlegaeducation.com/wp-content/uploads/2019/09/Cell-phone-magnetic-fields-breach-WHOs-0.3uT-safety-limit-at-6200uT.pptx>

An important slide show that clearly shows that cell phones are massively dangerous to children.

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- **Romina Power lancia un appello contro la tecnologia del 5G: “è un attentato all’umanità” / Romina Power launches an appeal against 5G technology: “It is an attack on humanity”**



6 Agosto 2019

<https://www.bigodino.it/spettacolo/romina-power-lancia-un-appello-contro-la-tecnologia-del-5g-e-un-attentato-allumanita.html?fbclid=IwAR2CBO2sqgLSVW5c2HVIX7gQfVhmiBdxOoAeNaFJEqVPkKQfFoxsvpXhroc>

Romina Power ha lanciato un disperato appello per salvaguardare la salute dei cittadini. La cantante contro la tecnologia 5G

Romina Power, molto attiva da sempre sui social, recentemente ha lanciato un **appello** molto importante per salvaguardare la salute dei cittadini. Stiamo parlando del rifiuto da parte della cantante della **tecnologia** del **5G** definita dalla stessa come “un attentato all’umanità”

La cantante americana ha postato due foto in cui spiega quali sono i **danni** di questa ultima tecnologia che si sta diffondendo. La donna ha infatti il timore che il **Pianeta** venga progressivamente distrutto da queste novità ...

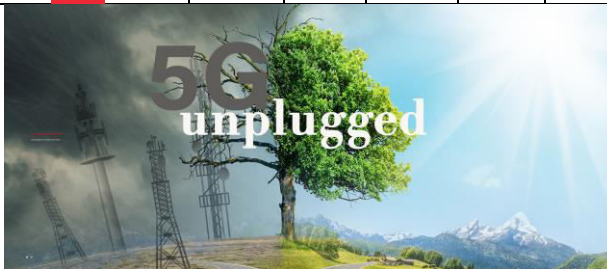
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- **New 5G website: 5G Unplugged**

<https://5gunplugged.com/>

The website is currently under construction and will be in German, English and French. The website will take an



uplifting view of the 5G phenomenon and is intended to focus on solutions rather than further delineating the problem, which has already been superbly done elsewhere.

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8. VIDEOS & AUDIO RECORDINGS

■ Video

■ Lawyer Sue Grey talks to Tim Lynch about 5G & more (New Zealand)

22 August 2019

https://www.youtube.com/watch?v=V7U_u4trDgk&fbclid=IwAR0OKwZCX22LoHlfbiYNtfyYPDKa1oT0vgQ1Ce505Qd2SDzdsjm4Piiea4c

Nelson-based environmental lawyer, Sue Grey spoke to Tim Lynch of Green Planet FM about 5G. Sue has been speaking publicly about the potential harm posed by fifth generation wireless technology (5G) which is soon to be rolled out in New Zealand, against the wishes of many. She said we have a broken governmental system, that is controlled by industry, which does not protect the public from what scientific evidence shows to be harmful. She says we have a problem with the Ministry of Health, as it is not achieving the purposes of the Health Act. She said they have reinterpreted public health as protecting industry. She said we need to ask government for a moratorium, to give us time to look at the harmful effects of 5G. Link to the original show: <https://www.planetaudio.org.nz/listen...> GreenplanetFM.com

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■ VIDEO - BBC Panorama: Can We Trust Huawei

25 April 2019

https://www.youtube.com/watch?v=_XNGuzhI1NE

They're one of the biggest and most powerful technology companies in the world, but can we trust the Chinese telecoms giant Huawei? They have the equipment to run the next generation telecoms network - which will power everything from the superfast phones to smart homes and driverless cars - but as we come more reliant on this type of technology, concerns have grown about Huawei allowing this network to be used to spy on us and even shutting the country down. As the government prepares to make the decision about who will build the

network in the UK, Panorama investigates one of the most important and controversial companies in the world.

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■ Video

■ Présentation de 3 vidéos du 5G Crisis

August 2019

Présentation de 3 vidéos du 5G Crisis Trois vidéos peuvent y être visionnées gratuitement en ce moment - pour avoir un avant-goût de toutes les autres qui seront aussi bientôt disponibles. Pour y accéder, il faut d'abord s'enregistrer à <https://the5gsummit.com> Celle s'intitulant 5G: The Agenda for Total Control avec Patrick Wood est fort intéressante. Cet auteur de plusieurs livres sur la technocratie [dont son plus récent Technocracy: The Hard Road to World Order à <https://www.amazon.com/Technocracy-Hard-Road-World-Order/dp/0986373982/>] apporte ce qui permet d'expliquer pourquoi, malgré les preuves scientifiques irréfutables de l'extrême nocivité des micro-ondes pulsées, les responsables de la santé publique de la plupart des pays dans le monde ignorent et nient systématiquement cette réalité. Cette idéologie, créée en 1933, s'est infiltrée dans tous les cercles du pouvoir et le St-Graal de ces gens, explique-t-il, est la masse infinie de données qui seront accessibles en temps réel (temps de latence de 1 milliseconde au lieu de 30 avec la 4G) grâce à la 5G qui maximisera la collecte de ces données via l'Internet des objets, données qui alimenteront l'intelligence artificielle, qui sera programmée pour exercer une surveillance absolue et un contrôle social total de toute l'humanité dans ce que l'on peut décrire comme l'ultime power trip des egos surdimensionnés qui sont prêts à tout sacrifier pour réaliser leur rêve mégalomane. Selon Wood, ils sont persuadés de savoir mieux que nous tous ce qui est bon pour nous et ils veulent à tout prix imposer leur vision du monde. Le chemin de l'enfer est pavé de bonnes intentions...

<http://www.cqjpe.ca/pdf/Presentation3videos.pdf>

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■ Actualités Diverses: Ce que sait Google sur vous: danger

<https://www.facebook.com/autantsavoir/videos/504022727099778/UzpfSTEwMDAwODI5Mzg0Nzk5NzpwWSzoxMjc4NjQ0NDM4OTYzNzcz/>

Ce que Sait Google sur Vous: Danger. Tentez l'Expérience : demandez à

Google l'accès à vos données personnelles. Cette journaliste a fait le test : Plusieurs heures pour que Google sorte toutes les données la concernant (de ses habitudes d'achat, à la consultation de sites, de vidéos, de sa géolocalisation à l'heure près, de ses goûts pour l'art, le sport, la cuisine ...et l'ameublement, une passion cachée qui a fait comprendre à Google qu'elle avait récemment déménagé...).

Et de là facile, Google « Tire votre Profil », pratique pour les annonceurs, mais potentiellement dangereux si un gouvernement ou toute forme de pouvoir réquisitionnait un jour ces données.

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■ **BBC Panorama - WiFi Warning Signal (since 2007 the BBC has changed its tune – now it's all systems go for 5G!)**

2007

https://www.youtube.com/watch?v=_k5gnA-PeXc&feature=youtu.be

Jeremy Vine presents "WiFi Warning Signal", a BBC Panorama Documentary highlighting the dangers of WiFi radiation in schools, with investigative journalist Paul Kenyon.

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■ **WHEN INSIDERS are forced to BLOW their WHISTLE. What FiveG ACTUALLY does by Dana Ashlie**

30 March 2019

<https://www.youtube.com/watch?v=fESkD0slyXo&feature=youtu.be>

Uploading this video again with a few changes to attempt to avoid sup+pression. Beyond health impacts, 5-Gee is the "nervous system" of their control grid take-over...what is the ultimate solution? My email:

danaashlie@yahoo.com

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■ **Professor Olle Johansson speaks with STOP 5G Global - 2019**

18 August 2019

https://www.youtube.com/watch?v=D_wrb8hucyg&feature=youtu.be

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■ **Telekomindustrin och strålning från trådlös teknik, med Olle**

Johansson

25 July 2019

<https://www.youtube.com/watch?v=UXR1oLXMRA0&feature=youtu.be>

Podcast <https://soundcloud.com/user-594094463/telekomindustrin-och-stralning-fran-tradlos-teknik-med-olle-johansson>

Olle Johansson är docent och tidigare universitetslektor på Karolinska Institutet. Samt gästprofessor och professor på Kungliga tekniska högskolan inom basal och kliniskt neurovetenskap. Han har studerat och forskat inom bl.a strålning och elektromagnetiska fält i många år. Samtal med Olle Johansson om mobilnät, strålning och trådlös teknologi. Hälsa, djur, natur och bakterier riskeras medans WHO(Världshälsoorganisationen, EU, FN, Strålsäkerhetsmyndigheten och regeringen låter detta pengagivande experiment att pågå. Vill du hellre lyssna på samtalet i podcast kan du göra det här <https://soundcloud.com/user-594094463...> Uppskattar du vårt arbete på Ny Insikt, uppskattar vi ditt stöd. Återkoppling, förslag eller info på iamall@hotmail.se Stöd Ny Insikt genom att donera till bankkonto 6701-90761243 (6701 är clearingnummer) IBAN SE79 6000 0000 0000 9076 1243 BIC (Nationel) HANDSESS Vi publicerar ingen information om givare.

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■ Video

■ 5G Is the ultimate directed energy weapon system, says particle physicist

31 July 2019

<https://www.collective-evolution.com/2019/07/31/5g-is-the-ultimate-directed-energy-weapon-system-says-particle-physicist/>

- The Facts: Particle Physicist Dr. Katherine Horton argues, based on her research and personal experiences, that the 5G network is intended as a Directed Energy Weapon system that aligns with the goals of the global elite to enslave humanity.
- Reflect On: Will the rollout of 5G prove to be the ultimate catalyst for humanity to awaken and change our collective trajectory?

Dr. Katherine Horton sees the current rollout of the 5G network in a way that is different from mainstream perception. And for good reason.

To begin with, she is a particle physicist with a PhD from prestigious Oxford University. She worked as a high energy physicist on the particle collider at the German Electronsynchrotron DESY in Hamburg, Germany, and on the infamous Large Hadron Collider at CERN in Geneva, Switzerland.

At Oxford, Dr. Horton worked as a research fellow at St John's College, a position that allowed her to expand her research from particle physics into medical physics and *the physics of complex human systems*. As part of the latter, she conducted systems analysis research of the English legal system, economies, the financial system, currencies, as well as white collar crime and organised crime.

In other words, she has the credentials to be public enemy number one to a global elite that are trying to deceptively use technology as a key cog in their plan to enslave humanity under a totalitarian world government. ...

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■ Dr. Katherine Horton: Einsatz von Neurotechnologie, Mikrochips, illegale Implantierung, elektromagnetische Waffen, 5G Waffensystem

13 April 2019

<https://connectiv.events/was-zur-zeit-so-abgeht-stop-007-dr-katherine-horton-ueber-die-gegenwaertige-lage/>

Dr. Katherine Horton gibt ein Update über die Geschehnisse in der Welt.

Dr. Katherine Horton in einem in Oxford ausgebildeten Teilchenphysiker und Systemanalytiker mit einem Master of Physics (1. Klasse) und einem Dokortitel in Teilchenphysik an der University of Oxford. Sie arbeitete als Hochenergiephysikerin am Particle Collider des deutschen Elektronensynchrotron DESY in Hamburg und am Large Hadron Collider am CERN in Genf in der Schweiz. Sie lehrte Kernphysik und Teilchenphysik am Hertford College der University of Oxford und führte Aufnahmeinterviews für Diplom-Physiker am St. Hilda's College in Oxford.

In Oxford arbeitete Dr. Horton als wissenschaftliche Mitarbeiterin am St John's College, einer Position, die es ihr ermöglichte, ihre Forschung von der Teilchenphysik auf die Medizinphysik und die Physik komplexer menschlicher Systeme auszuweiten. In diesem Zusammenhang untersuchte sie die Systemanalyse des englischen Rechtssystems, der Volkswirtschaften, des Finanzsystems, der Währungen sowie der Wirtschaftskriminalität und der organisierten Kriminalität.

Dr. Hortons erste Erfahrung mit Geheimdiensten und ihrer grenzenlosen Kriminalität war im kommunistischen Rumänien, wo sie von ungarisch-

deutschen Eltern geboren wurde. Als junges Kind erlebte sie den ununterbrochenen Terrorismus ihrer Familie durch die rumänische Secret Services *Securitate*, eine Organisation, die für ihre Brutalität und ihre ungebildete Idiotie bekannt ist. Die Familie von Dr. Horton war ein vorrangiges Ziel der Verbrecher des Secret Service, da sie hochgebildet waren und sich weigerten, an der verbrecherischen und informellen Kriminalität teilzunehmen, die von den Mob-Netzwerken der Secret Services genutzt wurde, um die Gesellschaft in Rumänien zu übernehmen.

Nach ihrer Flucht aus dem kommunistischen Rumänien mit ihren Eltern wuchs Dr. Horton in Deutschland auf, wo sie in der Schule hervorragende Leistungen erbrachte, das 9. Jahr aus Verdienstgründen ausließ und ihr *Abitur* im deutschen *Abitur absolvierte*. Aufgrund ihrer Schulergebnisse und ihrer hohen Eignung für Mathematik und Physik wurde Dr. Horton für einen Platz an der University of Oxford aufgenommen, wo sie ihren Bachelor- und Dokortitel abschloss, bevor sie, wie oben erwähnt, eine wissenschaftliche Mitarbeiterin wurde.

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■ **Harald Kautz Vella: Warum 5G hochgefährlich ist**

<https://www.youtube.com/watch?v=mcoWnPSXhe4>

■ **Im Gespräch mit Harald Kautz-Vella: 5G und die Hintergründe**

<https://www.youtube.com/watch?v=iHJOkp1hIME>

■ **Harald Kautz-Vella: Warum 5G gefährlich ist**

<https://www.youtube.com/watch?v=WD5x6mmF6mo>

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■ **5G Kongress - Anke Kern - Die 5G-Verschwörung - Behörden, Medien, Lobbyismus - Hintergründe**

4 August 2019

<https://www.youtube.com/watch?v=QzSzYjJ3bnY>

Erster SeeGespräche 5G-Wissenskongress am 2. Juni 2019 präsentiert den letzten Vortrag von ANKE KERN. Sie ist eine betroffene Wirtschaftswissenschaftlerin (Betriebswirtin). Bitte weiterlesen & Sprungmarken beachten ... Sie stellt das brisante Thema und die Auswirkungen in der Praxis vor! U.a. auch das Lobbying und die gute Zusammenarbeit unserer „Behörden“ mit der Mobilfunk-Branche. Die Verschwörung mit den Mächtigsten der Erde? Ein aufschlussreicher

Beitrag – der zusammenfasst warum 5G durchgesetzt werden soll. Die Interessen der Drahtzieher und prominente Betroffene.

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■ Réseau 5G : des ondes dangereuses pour la santé ?

12 August 2019

https://www.facebook.com/laquotidienneF5/videos/464403834365276/?q=5G%20ondes&epa=SEARCH_BOX

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■ GET 5G AWARE

16 August 2019

<https://www.facebook.com/367542343889100/videos/665734133929054/>

🎵🎵🎵 "This is the way we go to school" 🎵🎵🎵

A chilling advertisement aimed at parents, taking a look at how our children are being exposed to microwave radiation every day (and night). Besides the physical harm children are being exposed to - what will the long term psychological manifestations be?

UK Chief Medical officers advise that children under 16 should NOT USE mobile phones except for short, essential calls.

Other medical experts tell us that human brains are not fully developed (protected) until we are 21 - so should that safety limit be raised to 21?

<http://wiredchild.org/>

Doctors call for delaying deployment of 5G due to health risks.

<https://www.facebook.com/367542343889100/videos/1113745502164917/>

BBC Panorama - WiFi Warning Signal.

<https://www.facebook.com/367542343889100/videos/1069630303233920/>

There are ZERO studies showing safety of 5G: Senate Hearing - 7th Feb 2019.

<https://www.facebook.com/367542343889100/videos/932601487073765/>
Senator Patrick Colbeck Testifies Against 5G.

<https://www.facebook.com/367542343889100/videos/479089466253791/>

Dr Sharon Goldberg Testifies on 5G Safety.

<https://www.facebook.com/367542343889100/videos/2286037218277086/>

Dr Angie Colbeck Testifies on 5G Safety.

<https://www.facebook.com/367542343889100/videos/2079394585695819/>

Dr Devra Davis - The truth about mobile phone and wireless radiation.

<https://www.facebook.com/367542343889100/videos/386297768900787/>

David Drew MP - 5G - Westminster Hall Tuesday 25 June 2019
<https://www.facebook.com/367542343889100/videos/502159307190406/>
Robert F. Kennedy Jr on 5G.
<https://www.facebook.com/367542343889100/videos/2383088431970279/>
What is 5G really about?
<https://www.facebook.com/367542343889100/videos/373166223393150/S>
MART diapers.
<https://www.facebook.com/367542343889100/videos/764506737298628/>
How 5G violates the Nuremberg Code.
<https://www.facebook.com/367542343889100/videos/386598868919629/>
Doctors say LED streetlights could be impacting your health.
<https://www.facebook.com/367542343889100/videos/640150666488597/>
Barrie Trower (Royal Navy Microwave Weapons Expert) On Microwave Radiation.
<https://www.facebook.com/367542343889100/videos/2409944575902788/>
Active Denial System (ADS). Microwave weaponry.
<https://www.facebook.com/367542343889100/videos/2299360280182772/>
5G Technology: The Greatest Conspiracy of All Time?
<https://www.facebook.com/367542343889100/videos/2071021179860723/>
What's inside the new LED street lights?
<https://www.facebook.com/367542343889100/videos/441445816459014/>
5G - THE EXTINCTION EVENT
<https://www.facebook.com/367542343889100/videos/474756663285633/>
An Invisible Threat. (Wireless and Mobile Radiation).
<https://www.facebook.com/367542343889100/videos/660370417802999/>
his Video Might Change Your Opinion On 5G.
<https://www.facebook.com/367542343889100/videos/735996050152440/>
How we can beat 5G.
<https://www.facebook.com/367542343889100/videos/409675612969947/>
Wireless wake-up call | Jeromy Johnson.
<https://www.facebook.com/367542343889100/videos/339787036695308/>
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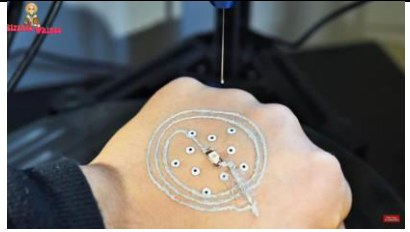


■ Wearable tech 3D-printed directly onto real skin for the first time

11 January 2019

https://www.youtube.com/watch?v=DzygvuXHegA&feature=em-uploademail&fbclid=IwAR3_ceSFW2F1LjezD78BxUldeZOsz0txwgCczYAWLhOcxMIQ11mUhI5GPs

A customizable, low-cost 3D printer has printed electronics on a real hand for the first time, leading the way for next-generational wearable devices. The adaptive printer, which is both autonomous and portable, could be used by soldiers to print temporary chemical sensors on their bodies or charge essential electronics. SOURCE: <https://www.iflscience.com>



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■ What is surveillance capitalism? [selling behavioural data on human beings]

11 January 2019

https://www.youtube.com/watch?time_continue=42&v=pD3Gw8rvkJ8

Shoshana Zuboff is the author of *The Age of Surveillance Capitalism: The Fight for a Human Future* (<https://amzn.to/2H8B207>) at the New Frontier of Power. She talks with Leo Laporte about how social media is being used to influence people. Watch the full episode at <https://twit.tv/tri/380> Host: Leo Laporte Guest: Shoshana Zuboff

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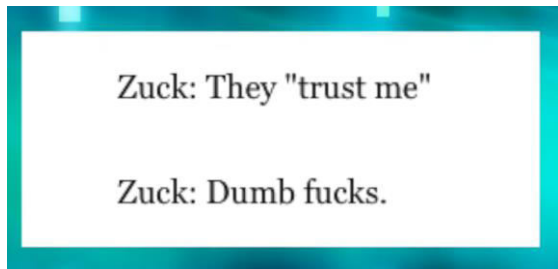


■ Facebook & Google: The Age of Surveillance Capitalism

August 2019

https://www.youtube.com/watch?time_continue=92&v=Ya1eTbTUUvc

This short video explains why you need to stop using Google products, especially Google Maps, and a lot of other things. **A must-watch.** The user is the product. Extremely sinister.



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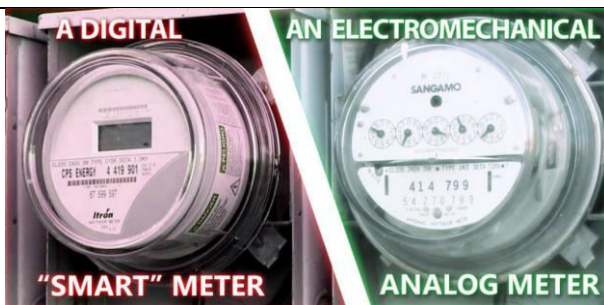
■ **Utility Meter
Update 2019
(about “smart”
meters)**

13 January 2019

[https://www.youtube.com/
watch?v=GULigoPZq24](https://www.youtube.com/watch?v=GULigoPZq24)

Your utility meter may be
killing you. The people
who make and install

those meters know that. If you plan to not get hurt, you need information. You need to put aside trust of institutions, belief in the system. If you are not aware of what your utility company is really doing, this video will open your eyes. If you are following the metering issues, you will find some good information, solutions and referrals here, along with some very candid and direct comments.



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10. VIDEOS & AUDIO RECORDINGS

■ **Pay-to-view video: Third Eye Spies (on remote viewing by the
US military)**

2019

<https://www.amazon.com/Third-Eye-Spies-Russell-Targ/dp/B07P1D7CJN>

For more than 20 years the CIA studied psychic abilities for use in their top-secret spy program. With previously classified details about ESP now finally coming to light, there can be no more secrets.

Steven Greer:

We can no longer doubt that our consciousness transcends all previous ideas of space and time. Recent experiments show convincingly that our awareness is non-local, and is independent of both space and time.

As a showcase to demonstrate that point, I want to recommend a new documentary film, *Third Eye Spies*, produced by my old friend and colleague Dr. Russell Targ. The film tells the true, never before revealed story of highly successful CIA psychic spying during the cold war. Targ, who is best known as a laser pioneer, was co-founder of the twenty-year, Star Gate program at Stanford Research Institute. The story told by

Russell and the other insiders who were there, shows us in great detail the power of coherent consciousness and what it can do.

This research and psychic spying program, also known as “remote viewing”, successfully forecasted a Chinese A-bomb test, located a downed Soviet bomber in Africa, found US hostages in Iran for Jimmy Carter, and located kidnapped US General Dozier in Padua, Italy. In addition, it accurately described a secret Soviet weapons factory in Siberia. All this and more is presented in the film.

The link between our own conscious awareness and that of extraterrestrial consciousness is key to becoming a CE5 ambassador and this film can help anyone better understand what the power of a single coherent point of consciousness is capable of, and thus what we can do to even greater degree together as we create contact. ...

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■ **Jerry Tennant: Healing is Voltage -- The Physics of Emotions | EU2017**

29 September 2018

<https://www.youtube.com/watch?v=pm-la6vl4PA>

Most people have heard of the “mind/body connection” and are aware that emotions affect the way people act. However, few can describe how that works. What is relatively new is our understanding that emotions are stored in and around the body as magnetic fields. Not only do these magnetic fields cause the biochemical effects noted above, but they also block the flow of voltage in the associated muscle battery packs that provide the voltage necessary for organs to function and repair themselves. He will discuss the human body’s battery packs, wiring system, and the physics of how our electronic systems are affected by these emotions. In addition, he will discuss how other magnetic fields and scalar energy can be used to erase these emotions, leaving behind only memories that do not disrupt our health and physiology. ...

■ **Death by Wireless part 2. More skiers drop dead from sudden cardiac arrest**

27 March 2019

<https://www.youtube.com/watch?v=9lw4wts5EX0>

Joe Imbriano on the coincidental deaths of skiers in close proximity to cell phone towers. Draws a connection with skiwear exacerbating the exposure.

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■ **Video**

■ **Greenpeace pioneer: "Climate change neither dangerous nor man-made"**

13 August 2019

<https://www.youtube.com/watch?v=vPQD5iejbnA>

According to Moore, climate change is a completely natural phenomenon. The current modern warm period began 300 years ago, when the Little Ice Age came to an end. "Nothing to be afraid of," stresses Moore. But the climate alarmists have lived off frightening people. Most scientists who speak of a crisis would be earning their living from government contracts. Watch the entire broadcast to find out why Moore is an important voice to listen to in the current climate hysteria.

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■ **5G Apocalypse - Gateshead edition**

12 August 2019

<https://www.youtube.com/watch?v=4Jq8t1wYY8Q>

Message from Mark Steele: This shows the levels of corruption at Gateshead Council and how far they will go to cover this crime. It's time to stand up folks.

Hi as most of you know I have recently lost my job for speaking out about corruption at my local council. I didn't want to ever ask for money but I am desperate and not forcing this on anyone just if you wish to donate you can www.gofundme.com/1q0dv8ul6o. Thanks in advance.



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■ **Video**

■ **Pay to view: The Great Hack (Netflix)**

August 2019

<https://www.netflix.com/at-en/title/80117542>

Explore how a data company named Cambridge Analytica came to

symbolize the dark side of social media in the wake of the 2016 U.S. presidential election.

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- **Arthur Firstenberg on satellites in space - Taos, New Mexico**
(see below discussion on fibre-optic cable)

12 August 2018

<https://www.cellphonetaskforce.org/taos-new-mexico/>

An all-day symposium on 5G was held in Taos, New Mexico on Sunday, August 12, 2018. Arthur Firstenberg discussed the history, science, and description of 5G, including 5G from satellites in space, and its expected effects on all living things.

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- **Video**
 - **Dangers of 5G and Wireless Technology - Part 1**

29 August 2019

<https://www.youtube.com/watch?v=h0FjafDv3Pw>

A young girl, [River Dalley](#), makes a video to warn other young people about 5G.

I'm sharing the problems of 5G. We must process our reactions constructively. Let's concentrate on the solutions We are running out of time.

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- **Video**
 - **Enigma: Return to Innocence**

<https://www.youtube.com/watch?v=YTjhjUHbGnY>

- **Bob Marley: One Love/People Get Ready**

<https://www.youtube.com/watch?v=cq6Eka8YHTY>

❖ One Love!
One Heart!



Let's get together and feel all right.
 Hear the children cryin'
 (One Love!);
 Hear the children cryin'
 (One Heart!),
 Sayin': give thanks and praise
 To the Lord and I will feel all right;
 Sayin': let's get together
 And feel all right.
 Wo wo-wo wo-wo!
 ❖Let them all pass all their dirty
 Remarks (One Love!);
 There is one question
 I'd really love to ask (One Heart!):
 Is there a place for the hopeless sinner,
 Who has hurt all mankind just
 To save his own beliefs?
 ❖One Love! What about the one heart?
 One Heart!
 What about?
 Let's get together and feel all right
 As it was in the beginning
 (One Love!);
 So shall it be in the end
 (One Heart!),
 All right!
 Give thanks and praise to the Lord
 And I will feel all right;
 Let's get together
 And feel all right.
 One more thing!
 ❖Let's get together to fight
 This Holy Armagiddyon (One Love!),
 So when the Man comes there will be no,
 No doom (One Song!).
 Have pity on those whose
 Chances grows t'inner;
 There ain't no hiding place
 From the Father of Creation.
 ❖Sayin': One Love!



What about the One Heart?
 (One Heart!)
 What about the?
 Let's get together and feel all right.
 I'm pleadin' to mankind!
 (One Love!);
 Oh, Lord!
 (One Heart)
 Wo-ooh!
 ❖Give thanks and praise to the Lord
 And I will feel all right;
 Let's get together and feel all right.
 Give thanks and praise to the Lord
 And I will feel all right;
 Let's get together and feel all right.

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- **Video**
- **Reprise because it is just so creepy (for full article see 27 July newsletter): Austrian A1 telco video with "Sign of the Times" soundtrack**

10 June 2019

<https://www.youtube.com/watch?v=KnJghdEVKwM>

Have the time of your life Breaking through the atmosphere

We never learn, we been here before

Why are we always stuck and running from The bullets? The bullets

They told me that the end is near

We gotta get away from here

Text of advertisement:

Grenzenloser - Unlimited - Illimitées

[Ed. This 5G advertising by A1 makes me feel sick. Take a good look. Knowing what you know now, what do *you* understand from these messages??]



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■ **Steven Whybrow 5G Vortrag**

16 June 2019

https://www.youtube.com/watch?v=l_BzkePGc4c&feature=youtu.be

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■ **VIDEO**

■ **Arthur Firstenberg: 5G, Birds, Bees and Humanity**

<https://multerland.wordpress.com/2019/05/17/arthur-firstenberg-5g-birds-bees-and-humanity/>

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■ **VIDEO**

■ **5G Apocalypse: hardware crime uncovered, by Mark Steele**

<https://www.youtube.com/watch?v=4D4d6-YBRn0&feature=youtu.be>

5 August 2019

The hardware conspiracy with intent to harm the citizen - ICNIRP does not apply to 5G - anyone giving you that information is misinforming you to harm you. Contact Info@saveusnow.org.uk for 3 documents to help stop the 5G crime.

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■ **Video**

■ **RT Dutch 7 - 5G vragen: Interview with Eric van Rongen of ICNIRP (Dutch)**

13 August 2019

<https://www.youtube.com/watch?v=zyyayJL2xak>

Eric van Rongen wilde meewerken aan een interview met RT Dutch – Nieuws scanner. Niet als medewerker van de Gezondheidsraad (daar zijn andere woordvoerders voor), maar wel als voorzitter van ICNIRP. ICNIRP geeft richtlijnen voor blootstellingslimieten, waarvan de regering in april dit jaar heeft gezegd dat ze in de Telecom wet zullen worden opgenomen. ICNIRP is bezig om vernieuwde richtlijnen voor radiofrequenties (waaronder 5G) af te ronden. Deze zullen op 15 september (event in de

Melkweg) nog net niet gepubliceerd zijn. De Gezondheidsraad heeft overigens geen specifiek standpunt over 5G. Dit interview is onderdeel van een serie interviews met belangrijke spelers op het gebied van 5G, waaronder het Antennebureau, Peter Rake van 5Groningen, Fons Mulders van Advocatenbureau Mulders en iemand met EHS (Electro Hoog Sensitief). Onder de titel "Ultimate Science" zal op zondagavond 15 september "5G The Trojan Horse" worden georganiseerd in de Melkweg Amsterdam. Op dit moment zijn er nog kaarten beschikbaar.

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■ Paul Héroux: L'arrivée du 5G un danger pour la santé Dutrizac de 6 à 9

30 May 2019

<https://www.youtube.com/watch?v=zpwe8ndicsk&feature=share>

A écouter et a partager sans modérations...L'arrivée du 5G un danger pour la santé... Dutrizac de 6 à 9 Entrevue avec Paul Héroux, physicien, professeur de toxicologie et des effets de l'électromagnétisme sur la santé à la faculté de médecine de l'Université McGill et directeur du Programme de santé au travail au sein du Département d'épidémiologie, de biostatistique et de santé au travail: L'arrivée du 5G ne se fera pas sans la multiplication du nombre d'antennes requises pour relayer son signal sur notre territoire.

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■ 5G Kongress - Anke Kern - Die 5G-Verschwörung - Behörden, Medien, Lobbyismus - Hintergründe

4 August 2019

<https://www.youtube.com/watch?v=QzSzYjJ3bnY>

Erster SeeGespräche 5G-Wissenskongress am 2. Juni 2019 präsentiert den letzten Vortrag von ANKE KERN. Sie ist eine betroffene Wirtschaftswissenschaftlerin (Betriebswirtin). Bitte weiterlesen & Sprungmarken beachten ... Sie stellt das brisante Thema und die Auswirkungen in der Praxis vor! U.a. auch das Lobbying und die gute Zusammenarbeit unserer „Behörden“ mit der Mobilfunk-Branche. Die Verschwörung mit den Mächtigsten der Erde? Ein aufschlussreicher Beitrag – der zusammenfasst warum 5G durchgesetzt werden soll. Die Interessen der Drahtzieher und prominente Betroffene. ...

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■ **Video**

- **David Icke: The truth about 5G - What you're not being told (7 mins)**

May 2019

<https://www.youtube.com/watch?v=yPnX1BAdOTU>

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■ **Video**

- **“5G is a weapon” – David icke**

9 May 2019

<https://www.youtube.com/watch?v=3Nr-CFJJYB0>

David Icke is an English writer and public speaker, known since the 1990s as a professional conspiracy theorist calling himself a "full time investigator into WHO and WHAT is really controlling the world." As a former footballer, BBC sports television presenter, and spokesman for the Green Party, his interview on Terry Wogan's show in 1991 turned him from a respected household name into a laughingstock across the country. Now, he is the author of over 20 books and over 10 DVDs, and have lectured in over 25 countries, speaking live for up to 10 HOURS to huge audiences, filling stadiums like Wembley Arena. His new movie Renegade, is the first ever feature film about his life and work. Watch the FULL EPISODE here: <https://londonreal.tv/e/david-icke-2/>

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■ **Audio**

- **Beeware 5G: all Radio 5G shows**

<https://www.cosmicreality.com/5g-know-radio-archives.html>

Download all the Radio 5G shows from this link.



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■ VIDEO

■ Orphan Wisdom

19 June 2018

<https://www.facebook.com/orphanwisdom/videos/1779578028730138/>

Video: In his landmark provocative style, Stephen Jenkinson makes the case that we must birth a new generation of elders, one poised and willing to be true stewards of the planet and its species.

Foreword by Charles Eisenstein. Published by North Atlantic Books.

Available July 2018 in print and audio from orphanwisdom.com/come-of-age

Film by [Ian MacKenzie](http://ianmack.com) <http://ianmack.com>

■ Stephen Jenkinson — Interview on The Drew Marshall Show

April 2019

<https://soundcloud.com/orphan-wisdom/stephen-jenkinson-interview-on-the-drew-marshall-show-1>

Interview with Drew Marshall on The Drew Marshall Show, April 13th 2019. Activist, Teacher, Farmer, Author of COME OF AGE: The Case of Elderhood in a Time of Trouble - Stephen Jenkinson has a Master's degree in theology from Harvard University and a Master's degree in social work from the University of Toronto. He is a former programme director and medical-school assistant professor. He is the subject of the National Film Board of Canada documentary film, Griefwalker. With Nathalie Roy, Jenkinson founded The Orphan Wisdom School in 2010, which convenes in Tramore, Canada, and in various places in northern Europe. He is the author of How It All Could Be (now translated into four languages), Money and the Soul's Desires, Die Wise: A Manifesto for Sanity and Soul, and, most recently, Come of Age: The Case of Elderhood in a Time of Trouble. With Gregory Hoskins and band, Stephen has offered Nights of Grief & Mystery to sold-out houses on three continents, most recently during the 26-city Nights of Grief & Mystery North American Tour 2018.



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■ VIDEO

■ Youtube channel: Clairity

Selection of videos in several different languages explaining 5G for the non-scientist.

www.youtube.com/channel/UCb8gvcj6wshYox_ITSk93Mg/videos

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■ VIDEO MUST-WATCH

■ 5G Apocalypse - The Extinction Event – video by Sacha Stone

<https://www.youtube.com/watch?v=ol3tAxnNccY>

Sacha Stone has cleverly edited the most explanatory videos and added in some interviewing to make this documentary that sets out the whole case on 5G. Essential for the newcomer.

■ Die Dokumentation „5G Apokalypse – Das Ende der Zivilisation“ jetzt auf Deutsch

5 August 2019

<https://transinformation.net/die-dokumentation-5g-apokalypse-das-ende-der-zivilisation-jetzt-auf-deutsch/>

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■ Sacha Stone & Robert David Steele in conversation (Bali - Indonesia) – The International Tribunal for Natural Justice (ITNJ)

2018

https://www.youtube.com/watch?v=eZ_Ys3e_35Q

A dynamic conversation between Sacha Stone and former CIA Clandestine Operations Officer Robert David Steele, filmed at Newearth, Bali a year ago. Steele is Commissioner and Chief Counsel for the ITNJ Judicial Commission of Inquiry into Human Trafficking & Child Sex Abuse.

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■ The evil of 5G technology - David Icke | London Real

9 May 2019

<https://www.youtube.com/watch?v=3Nr-CFJJYB0>

David Icke is an English writer and public speaker, known since the 1990s

as a "full-time investigator into WHO and WHAT is really controlling the world." As a former footballer, BBC sports television presenter, and spokesman for the Green Party, his interview on Terry Wogan's show in 1991 turned him from a respected household name into a laughing stock across the country. Now, he is the author of over 20 books and over 10 DVDs, and has lectured in over 25 countries, speaking live for up to 10 hours to huge audiences, filling stadiums like Wembley Arena. His new movie, *Renegade*, is the first ever feature film about his life and work. Watch the entire interview here: <https://londonreal.tv/e/david-icke-2/>.

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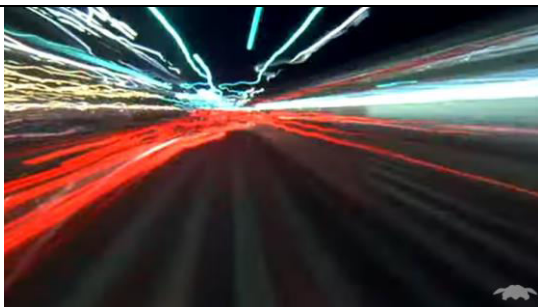


■ **VIDEO**

- **Bill Hicks + George Carlin: The Big Electron**

16 October 2012

<https://www.youtube.com/watch?v=cvz9uSK3zXo>



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11. BOOKS & PAPERS

- **Useful site for terminology: Wireless World**

<https://www.rfwireless-world.com/Terminology/BUC-vs-LNB.html>

- **International Telecommunication Union (ITU): Setting the Scene for 5G: Opportunities & Challenges**

2018

https://www.itu.int/en/ITU-D/Documents/ITU_5G_REPORT-2018.pdf

I am pleased to present this report on Setting the Scene for 5G: Opportunities & Challenges, prepared in collaboration with the ITU's Standardization and Radiocommunication Bureaux. The report sets out the landscape for ICT policy-makers, national regulatory authorities (NRAs) and operators as 5G technologies move ever closer. 5G has the potential to be transformative for citizens, businesses, governments and economies. Investment is key but there are many factors to take into account before investments can be committed.

This report helps navigate through the issues related to 5G and provides a

measured, practical approach to policy-makers looking to make important investment decisions in the months and years ahead. The sixteen key issues presented are essential reading and constitute a powerful embarkation point as we set out to grapple with 5G opportunities and challenges.

7 Conclusion

Until the investment case for 5G is compelling, the industry and policy-makers should approach investment with caution while enhancing the availability and quality of existing 4G networks.

5G is expected to play a key role in digital economies, improving economic growth, enhancing citizens' life experiences and creating new business opportunities.

Despite such benefits, care must be taken in establishing the commercial case and whether 5G is a real priority for the economy. A 5G investment decision must be backed by a sound investment case.

Operators are sceptical about the return on investment because of high investment levels. They are currently investing in 5G test beds and pilot networks in large dense cities with advanced 4G deployments and with supporting infrastructure more suited to network economics.

This 'city led' strategy is likely to have an adverse impact on the digital divide since the case for 5G in rural areas is less convincing. Local authorities and regulators should recognize this risk and should counter it. This can be done by supporting commercial and legislative incentives to stimulate investment for the provision of fibre networks and affordable wireless coverage through the use of sub-1 GHz bands.

An overhaul of the regulatory, government and local authority approach to digital policy is needed to boost the roll-out of 5G networks. Importantly, this includes ensuring affordable access to public assets thereby strengthening the commercial case to invest in small cell infrastructure and 5G spectrum.

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- **Chronic fatigue syndrome and sleep disruption: Evidence that both powerfrequency and radiofrequency magnetic fields may be a co-factor to investigate in treatments by Don Maisch PhD**

3 September 2019

<https://www.emfacts.com/2019/09/chronic-fatigue-syndrome-and-sleep-disruption-evidence-that-both-powerfrequency-and-radiofrequency-magnetic-fields-may-be-a-co-factor-to-investigate-in-treatments/>

Power Frequency magnetic fields

In 1994, Australian Democrat Senator Robert Bell (Tasmania) tabled a report in the Australian Senate that examined the evidence that the then current national and international exposure standards for human exposure

to electromagnetic fields were insufficient to provide an assurance of safety. Part of this report examined the condition of Chronic Fatigue Syndrome and suggested that prolonged exposure to 50 Hz power frequency fields may be one of the causative factors in the condition. [1] ...

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■ Review: Biological and pathological effects of 2.45 GHz radiation on cells, fertility, brain, and behavior

26 June 2019

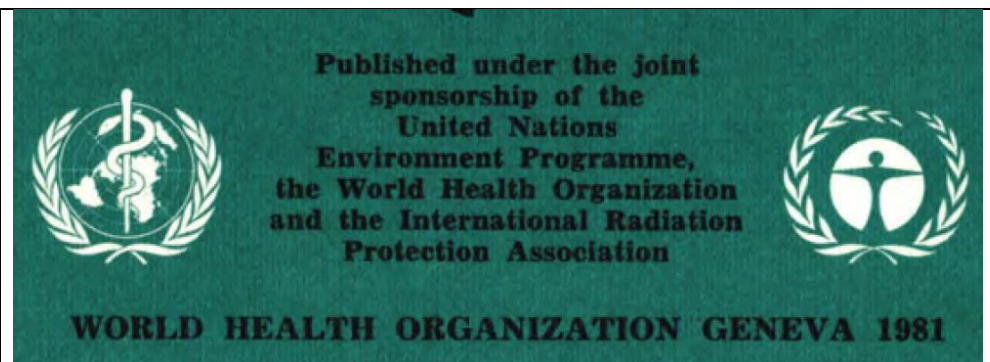
<http://www.emfsa.co.za/research-and-studies/review-biological-and-pathological-effects-of-2-45-ghz-radiation-on-cells-fertility-brain-and-behavior/>

Result: More than 100 studies on 2.45 GHz radiation were analyzed, most of which found changes compared to the control groups at levels below the safety guidelines of the International Commission on Non-Ionizing Radiation Protection (ICNIRP) (issued as exposure limits of the 26th Federal Pollution Control Ordinance (BlmSchV) in Germany). The available studies document damage to the reproductive system, impacts on the EEG and brain functions, as well as effects on the heart, liver, thyroid, gene expression, cell cycle, cell membranes, bacteria, and plants. As a mechanism of action, many studies identify oxidative stress. Adverse effects on learning, memory, attention, and behavior are the result of cytotoxic effects.

Conclusions: Based on the extensive body of research and the adverse health effects demonstrated in the majority of the studies, it is recommended that steps should be taken to minimize RF radiation exposure in accordance with official recommendations. Wired solutions should be given preference. Current exposure limits and SAR values do not protect from health risks associated with Wi-Fi radiation. The adverse effects on learning, attention, and behavior serve as a basis for educational institutions of all age groups to forgo the use of Wi-Fi applications. Due to cytotoxic effects, Wi-Fi technologies are not suitable for hospitals and telemedicine. Wi-Fi technologies should not be used in bedrooms, work spaces, common lounges, hospital rooms, lecture halls, classrooms, and public transport. The possible risks associated with Wi-Fi radiation could be avoided by testing alternative technologies at other frequency bands like optical VLC/Li-Fi technologies (visible light communication). When Wi-Fi cannot be avoided as a transition solution, the ALARA principle must be applied: no continuous transmission, instead

Wi-Fi networks that can be turned off and feature dynamic power management. ...

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■ **WHO & UNEP & IRPA (predecessor to ICNIRP): Environmental Health Criteria 16: Radiofrequency and microwaves**

1981

https://apps.who.int/iris/bitstream/handle/10665/39107/9241540761_eng.pdf

Smoking gun: some excerpts:

... General population exposure from man-made sources of microwave and RF radiation now exceeds that from natural sources by many orders of magnitude. ...

increased levels of environmental electromagnetic radiation may constitute a problem in many countries. ...

... Problems of pollution range from ... to direct risks to the health of individuals. ...

Lesions have been found in the internal organs of animals exposed for prolonged periods during which there was no significant rise in rectal temperature. Furthermore, such animals did not show any overt signs of distress.

Acute exposures may cause injury to the eye. The cornea and crystalline lens are particularly susceptible to injury within the frequency range of 1-300 GHz. The cornea is at greatest risk between 10 and 300 GHz and the crystalline lens from 1 to 10 GHz. ...

A highly conservative approach would be to keep exposure limits close to natural background levels. However, this is not technically feasible. A reasonable risk-benefit analysis has to be considered. ...

National and international agreements on exposure limits, ways and means

of controlling this type of environmental pollution, and concerted efforts to implement such agreements are needed.

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■ **Aviation health & safety in the digital age: Radio-frequency (RF) exposure from mobile devices and in flight WiFi – A new human factor?**

<https://www.emfsa.co.za/news/airlines-aviation-health-safety-passengers-crew-aerotoxic-syndrome-plus-emf-exposure/>

[Ed. This document is undated, but many of the contributions from the experts are dated 2012. The situation since then has become much worse. See *Stop 5G News April 2019: FOCUS: INTERNET & AIRCRAFT* - Are Internet public access points on international flights safe? <https://www.5gexposed.com/wp-content/uploads/2019/04/Stop-5G-News-21-April-2019.pdf>]

We are an international group of experts in aviation, medicine, science and engineering. We are raising several key questions as there is evidence of adverse effects on human health and performance from exposure to electro-magnetic radiation, especially radio-frequency/microwave radiation from mobile communication technology. The evidence indicates that adverse effects can occur at levels well below existing safety standards. So the position that the “low level” exposures from WiFi and mobile phones are within government standards (based only on thermal levels) does not dismiss the evidence of biological damage that occurs with non-thermal exposure.

There is some good evidence for harm; there does not seem to be conclusive evidence for safety, and there are potential adverse outcomes with wireless technology that have not been thoroughly investigated. We urge you to require proper testing on flight crews before implementation.

Adverse effects can include cardiac symptoms, or a sudden neurological event that could compromise brain function, mental stability and cognitive abilities, even in an otherwise healthy individual with no previous medical history. Even without in flight WiFi, pilots’ exposure is increasing from



security screening (often with ionizing X-ray technology), the proliferation of WiFi, and the universal use of increasingly powerful mobile phones and WiFi devices.

Our technical experts caution that effects are magnified in the confined metal space of the fuselage. Our medical experts warn of potential cognitive and cardiac impairment, making this a crucial issue in transportation, especially aviation. Sufficient research was not conducted before the global implementation of WiFi-enabled aircraft. Yes, WiFi is everywhere and there are economic benefits and wide consumer appeal, but should this innovation be allowed when there are health and safety concerns? May we ask to review any testing reports investigating the effects on human health and performance? And have the in flight RF levels in WiFi-enabled aircraft been measured? ...

There is no evidence, which we know of, that the accumulated exposures in a WiFi-enabled aircraft, with or without crew and passengers online, have been measured or monitored.

If there are wireless systems permanently in use like cell-phone stations, W-LAN, Blue-Tooth, DECT, etc. in addition to active single cell phones and notebooks **on flights with the duration of several hours, the passengers, crew and pilots would be exposed to excessive radiation of 25,000 nW/cm² and higher.** ...

Another fact: While the airplane is moving at an altitude between 8,000 and 12,000 metres, a reduced air pressure occurs inside of the plane, which equals the air pressure of 2000 – 3000 metres outside. Therefore the breakage of the blood-brain barrier is more likely because of the lack of oxygen and the well-known altitude sickness. ...

in 2002, The British Transport Research Laboratory found that the time of a reaction of a car driver is 30% lower if he has been exposed to radio waves than the reaction time of an alcoholized driver, and 50% lower than the reaction time of a driver who has not been exposed to either. ...

Let's not forget about the intermediate massive impairment of our microcirculation and therewith the oxygen supply of our inner organs and brain caused by the tendency of our red blood cells to stick together under the influence of radio waves. ...

Even short flights, but especially long ones, on which the passengers are constantly given a continual exposure of radio and microwaves would lead to a reduction of bookings and a recognizable decrease in sales for airlines which permit cell phone systems, notebooks and similar wireless instruments on board. This has already been seen in Germany and other countries where electro-sensitive or allergic people avoid high-speed

trains because of permanently active “Repeaters” (amplifiers of HFsignals). This is one of the facts that cause the above described microwave syndrome (headaches, nausea, drowsiness, vision disorders etc) and their change over to using different ways of transportation like cars, buses and trains without Repeaters.

Expert views:

- “Equipping aircraft with WiFi is a dangerous experiment. Even quite low levels of radio-frequency radiation - from WiFi and mobile devices - can open the blood-brain barrier and cause a lot of harm, including miniature edemas destroying brain cells which cannot be renewed. This damage presents an increased risk of neurodegenerative conditions including Parkinson's disease. **At the actual levels of 25,000 nW/cm!, [sic] which are expected to occur on board commercial airplanes equipped with WiFi, 100% of the animals tested had serious brain damage.**

Cardiologist Stephen T. Sinatra, M.D., F.A.C.C.

“As far as we know, no one has tested the accumulated exposures within the aircraft when a good number of passengers, and flight crew, are using their mobile devices. It is unwise to install wireless technology (WiFi) in public transportation, especially aircraft. We know that the heart is sensitive to, and can be adversely affected by, the same frequency used for WiFi (2.4 GHz) at levels a fraction of federal guidelines (less than 1%). I would like to see tests on pilots for potential cardiac – and cognitive – effects.”

Martin Blank, PhD, Columbia University College of Physicians and Surgeons

“I am writing to urge a limit on WiFi, especially in flight WiFi.”

A Captain for a Canadian commercial air carrier ...

writes, “Having read a lot of research on this topic, and hearing first-hand how other airline employees are reacting to wi-fi, in hotel rooms and elsewhere, **I am certain that this form of radiation is having a negative health effect on many of us. The number of airline employees this year, including pilots and flight attendants, who report having difficulty with WiFi seems to be growing.** Evidently, there are some pilots off sick with mysterious Parkinson-like symptoms. I can experience ill effects including nausea, shortness of breath, overall body weakness, and when in a sustained WiFi environment, I have difficulty focusing, and have skin reactions. I get these symptoms in hotels, the terminal, my flight planning area and also from cell phones brought onboard the aircraft. I do not experience these symptoms when away from this exposure. I will be unable to continue flying if wi-fi is installed on my aircraft. Safety of the

aircraft and the health of those onboard, not entertainment, should be the priority. Further study certainly needs to be done!”

First Officer for a US air carrier

When I fly the WiFi-equipped A321 my joints hurt with inflammation and arthritic-like pain. It typically takes about 24 hours for the pain to subside. Other symptoms can include severe headaches, shortness of breath, sleep problems. I do not get the same symptoms flying the non-WiFi aircraft even though they are in the same family.”

Electrical Engineer Alasdair Philips

“There are no long-term studies on this accumulated exposure. I would oppose WiFi being provided inside aircraft cabins. WiFi tests inside an in-flight aircraft have shown that those sitting closest to the Access Points will be highly exposed.” ... “Planes are not an EMF-friendly environment even now. Most have in-flight video screens built into the back of each seat. These are a source of high-frequency fields both for the people watching the screen and for those whose seat it is fitted into. There are also signals from various plane transponders mounted under the fuselage which make their way up into the cabin at surprisingly high levels. Many planes also have an emergency Iridium phone system that is internally active all the time they are in the air, with active handsets at both ends of the plane using a pulsing DECT (digital) cordless phone like signal 24-7.”

“Security scanners present a significant problem for flight crews, with already high occupational exposure, and frequent flyers who must pass through these scanners frequently. The key point is the bombarding of the skin with a mass of electrons. That may, or may not be a significant problem, but there has been almost no work done to test it on animals (or humans) at these relatively low energy levels. And there's now the additional exposure of on-board wi-fi. There are no long-term studies on this accumulated exposure. I would oppose WiFi being provided inside aircraft cabins. WiFi tests inside an in-flight aircraft have shown that those sitting closest to the Access Points will be highly exposed.”

EMR/RF Technical Expert Katharina Gustavs

“Since aircrafts are metal enclosures, any wireless transmitter such as Wi-Fi-enabled laptops and Smart phones, as well as Wi-Fi access points operating on the inside, will cause an exponential increase in RF radiation exposure. Due to reflection and resonance effects and multiple users, (secondhand) exposure levels can increase 1000% in hot spots, which in some instances may even exceed official exposure limits (Hondou 2006).”

Electrical Engineer Lawrence Gust

“The Wi-Fi base stations placed in the cabin are the least of the

problem. The Airbus A319, for example, has a maximum seating capacity of 156 people. The big problem comes when 100 passengers all connect with the aircraft WiFi at the same time.”

EMR/RF Technical Expert Peter Sierck

“I am concerned about increased RF exposure to the passengers, sitting in seats closest to the routers in airplanes, and cabin staff members.”

Hans-Christoph Scheiner, MD, February 27, 2012

Since our group the German Environmental Physician Initiative sent a letter in 2008 to the aviation industry stating our concerns, there has been a proliferation of WiFi in commercial aircraft. ...In our view, **before allowing the addition of WiFi, and its radio-frequency radiation, to the existing in flight exposures from cosmic radiation and solar flares, regulatory agencies should conduct an investigation into the short and long-term effects on human performance and human health.** As far as we know, these tests have not been conducted, making the installation of WiFi and widespread in flight use of mobile phones, and other wireless devices, a very dangerous experiment, as I have stated. ... Radiation effects are magnified in aircraft – a metal 'Faraday' cage – and other confined metal spaces, as they are with increased altitude. ... Another concern is that **no one is monitoring exposure for these or other adverse effects**, including long-term cancer risks.”

Don Maisch, PhD Environmental Building Survey Consultant

Another issue is that the microwave emissions will be reflected back into the cabin from the curved metal skin.

Lawrence Gust, Electrical Engineer, and Faculty & Board of the International Institute for Building Biology & Ecology

The Airbus A319, for example, has a maximum seating capacity of 156 people. The big problem comes when 100 passengers all connect with the aircraft WiFi at the same time.

[Document continues ...]

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■ **Study: Radiation from smartphones may impair memory in teens**

18 February 2019

<https://www.studyfinds.org/study-radiation-smartphones-impairs-memory-teens/>

BASEL, Switzerland — Don't want your child to have a cellphone? One

recent study gives you good reason to make kids wait as long as possible for their first mobile device: it appears that radiation from phones can hurt a teenager's memory.

A research team at the Swiss Tropical and Public Health Institute says that radio frequency electromagnetic fields (RF-EMF) may negatively affect an adolescent's brain from cellphone exposure, causing potentially harmful effects on his or her [memory performance](#). The authors say having the device [close to one's head](#) lead to the greatest amount of radiation exposure.

The researchers studied nearly 700 public school students in Switzerland between ages 12 and 17. They examined how RF-EMF exposure from mobile phones over a year's time affected memory in the adolescents, and found that memory processed and stored in the right brain hemisphere was [particularly worsened](#). It's believed that participants primarily held the phone up to the right side of their heads when talking, which likely led to the right hemisphere impairment.

"This may suggest that indeed RF-EMF absorbed by the brain is responsible for the observed associations," says Martin Röösli, Head of Environmental Exposures and Health at Swiss TPH, in a [statement](#). "A unique feature of this study is the use of objectively collected mobile phone user data from mobile phone operators."

But Röösli couldn't rule out that puberty and other external factors may also have played a role in [memory development](#) among the children. Further research is needed to rule out such factors, as well as to determine what, if any, long-term risks come with radiation exposure from phones. ...

The [study](#) was published in the journal *Environmental Health Perspectives*.

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■ New evidence for a human magnetic sense that lets your brain detect the Earth's magnetic field (see authors & funding right)

July 2019

http://theconversation.com/new-evidence-for-a-human-magnetic-sense-that-lets-your-brain-detect-the-earths-magnetic-field-113536?fbclid=IwAR0kWGkwrdnf4mesvPdggZxR5SoUaw_Nf594pKtzArrL68J_0a7Cqamwl0

Do human beings have a magnetic sense? **Biologists know other animals do.** They think it helps creatures including bees, turtles and birds **navigate through the world.**

Scientists have tried to investigate whether humans belong on the list of magnetically sensitive organisms. For decades, there's been a back-and-forth between **positive reports** and **failures to demonstrate** the trait in people, with **seemingly endless controversy.**

The mixed results in people may be due to the fact that virtually all past studies relied on behavioral decisions from the participants. If human beings do possess a magnetic sense, daily experience suggests that it would be very weak or deeply subconscious. Such faint impressions could easily be misinterpreted – or just plain missed – when trying to make decisions.

So our research group – including a **geophysical biologist**, a **cognitive neuroscientist** and a **neuroengineer** – took another approach. **What we found** arguably provides the first concrete neuroscientific evidence that humans do have a **geomagnetic sense.**

How does a biological geomagnetic sense work?

The Earth is surrounded by a magnetic field, generated by the movement of the planet's liquid core. It's why a magnetic compass

Authors



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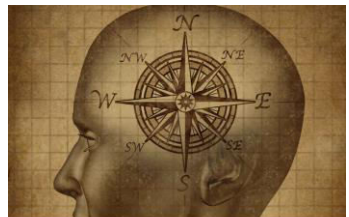
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Disclosure statement

Shinsuke Shimojo received funding from Human Frontier Science Program (HFSP), Japanese Science and Technology Agency (JST), and currently receives funding from DARPA.

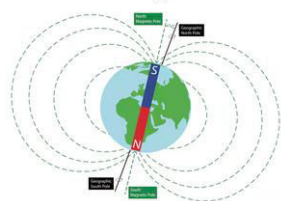
Daw-An Wu receives funding from DARPA.

Joseph Kirschvink receives funding from the RadioBio program of DARPA, and previous support for this work was from the Human Frontiers Science Program (HFSP).



Do you have a magnetic compass in your head? <http://theconversation.com>

The Earth's Magnetic Field



Life on Earth is exposed to the planet's ever-present geomagnetic field that varies in intensity and direction across the planetary surface.

Nasky/Shutterstock.com

points north. At Earth's surface, this magnetic field is fairly weak, **about 100 times weaker** than that of a refrigerator magnet.

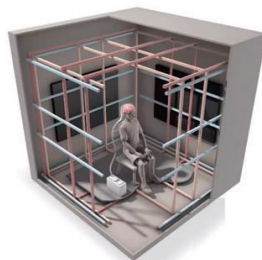
Over the past 50 years or so, scientists have shown that hundreds of organisms in nearly all branches of the bacterial, **protist** and animal kingdoms have the ability to detect and respond to this geomagnetic field. In some animals – **such as honey bees** – the geomagnetic behavioral responses are **as strong as the responses** to light, odor or touch. Biologists have identified strong responses in vertebrates ranging from **fish, amphibians, reptiles**, numerous birds and a diverse variety of mammals including **whales, rodents, bats, cows** and **dogs** – the last of which can be trained to find a hidden bar magnet. In all of these cases, the animals are using the geomagnetic field as components of their homing and navigation abilities, along with other cues like sight, smell and hearing. Skeptics dismissed early reports of these responses, largely because there didn't seem to be a biophysical mechanism that could translate the Earth's weak geomagnetic field into strong neural signals. This view was dramatically changed by the **discovery that living cells** have the **ability to build nanocrystals of the ferromagnetic mineral magnetite** – basically, tiny iron magnets. Biogenic crystals of magnetite were first seen in the teeth of one group of mollusks, later in **bacteria**, and then in a variety of other organisms ranging from protists and animals such as insects, fish and mammals, **including within tissues of the human brain**.

Nevertheless, scientists haven't considered humans to be magnetically sensitive organisms.

Manipulating the magnetic field

In our new study, we asked 34 participants simply to sit in our testing chamber while we directly recorded electrical activity in their brains with electroencephalography (EEG). Our modified **Faraday cage** included a set of 3-axis coils that let us create controlled magnetic fields of high uniformity via electric current we ran through its wires. Since we live in mid-latitudes of the Northern Hemisphere, the environmental magnetic field in our lab dips downwards to the north at about 60 degrees from horizontal.

In normal life, when someone rotates their head – say, nodding up and down or turning the head from left to right – the direction of the



Schematic drawing of the human magnetoreception test chamber at Caltech. Modified from 'Center of attraction' by C. Bickel (Hand, 2016).

geomagnetic field (which remains constant in space) will shift relative to their skull. This is no surprise to the subject's brain, as it directed the muscles to move the head in the appropriate fashion in the first place.

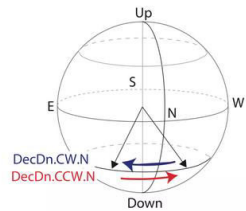
In our experimental chamber, we can move the magnetic field silently relative to the brain, but without the brain having initiated any signal to move the head. This is comparable to situations when your head or trunk is passively rotated by somebody else, or when you're a passenger in a vehicle which rotates. In those cases, though, your body will still register vestibular signals about its position in space, along with the magnetic field changes – in contrast, our experimental stimulation was only a magnetic field shift. **When we shifted the magnetic field in the chamber, our participants did not experience any obvious feelings.**

The EEG data, on the other hand, revealed that certain magnetic field rotations could trigger strong and reproducible brain responses. One EEG pattern known from existing research, called alpha-ERD (event-related desynchronization), typically shows up when a person suddenly detects and processes a sensory stimulus. The brains were “concerned” with the unexpected change in the magnetic field direction, and this triggered the alpha-wave reduction. That we saw such alpha-ERD patterns in response to simple magnetic rotations is powerful evidence for human magnetoreception.

[Ed. Now why would the world's most evil organization, DARPA, want to fund this research?

Alpha oscillates at 8-13 Hz. Maxwell Cade believed that alpha serves as a bridge between the upper and lower frequencies, connecting the conscious mind with both the intuitive wisdom of the unconscious and the nonlocal resource of the universal field. A truly integrated person is able to generate large amplitudes of alpha. Alpha also does good things for our bodies. It improves our levels of mood-enhancing neurotransmitters such as serotonin, elevating the emotional state. *Mind to Matter* by Dawson Church, p. 130.]

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Study participants sat in the experimental chamber facing north, while the downwards-pointing field rotated clockwise (blue arrow) from northwest to northeast or counterclockwise (red arrow) from northeast to northwest. Magnetic Field Laboratory, Gaitech, CC BY-ND

■ Risks to health and well-being from radio-frequency radiation emitted by cell phones and other wireless devices

13 August 2019

<https://www.frontiersin.org/articles/10.3389/fpubh.2019.00223/full>

Radiation exposure has long been a concern for the public, policy makers, and health researchers. Beginning with radar during World War II, human exposure to radio-frequency radiation¹ (RFR) technologies has grown substantially over time. In 2011, the *International Agency for Research on Cancer* (IARC) reviewed the published literature and categorized RFR as a “possible” (Group 2B) human carcinogen. A broad range of adverse human health effects associated with RFR have been reported since the IARC review. In addition, three large-scale carcinogenicity studies in rodents exposed to levels of RFR that mimic lifetime human exposures have shown significantly increased rates of Schwannomas and malignant gliomas, as well as chromosomal DNA damage. Of particular concern are the effects of RFR exposure on the developing brain in children. Compared with an adult male, a cell phone held against the head of a child exposes deeper brain structures to greater radiation doses per unit volume, and the young, thin skull's bone marrow absorbs a roughly 10-fold higher local dose. Experimental and observational studies also suggest that men who keep cell phones in their trouser pockets have significantly lower sperm counts and significantly impaired sperm motility and morphology, including mitochondrial DNA damage. Based on the accumulated evidence, we recommend that IARC re-evaluate its 2011 classification of the human carcinogenicity of RFR, and that WHO complete a systematic review of multiple other health effects such as sperm damage. In the interim, current knowledge provides justification for governments, public health authorities, and physicians/allied health professionals to warn the population that having a cell phone next to the body is harmful, and to support measures to reduce all exposures to RFR.

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■ Arthur Firstenberg on power levels: “Wireless technology cannot be made safe by reducing the power”

20 August 2018

The harm has nothing to do with power levels. This is what nobody understands. **Power level is relevant for only one type of effect: heating.** For all other effects, it is completely irrelevant. There are effects at near-zero power, and **for some effects, there is an *inverse power relationship*, i.e. the lower the power, the worse the harm.** SAR is completely irrelevant for non-thermal effects.

It is not the power level that does the harm. It is the degree of coherence,

type and depth of modulation, wavelength, number of frequencies, number of signals, bandwidth, shape of the waves, pulse height, pulse width, rise and fall time, and other properties of the radiation. **The unimportance of power levels for effects other than heat has been shown many times.** In Salford's studies the lowest power levels caused the most leakage in the blood-brain barrier. Blackman, Bawin, Dutta, Schwartz, and Kunjilwar, all in different laboratories, found that calcium efflux from neural and cardiac cells occurred at specific frequencies and exposure levels and did not increase with power. In Dutta's study a 3,000-fold decrease in power caused a 4-fold *increase* in calcium efflux. **Sadchikova and her Soviet colleagues found that workers exposed to the lowest power levels suffered more often from radio wave sickness.** Belyaev found that genetic effects occurred at specific frequencies and the magnitude of the effect did not change with power level over 16 orders of magnitude. **The assumption that wireless technology can be made safe by reducing the power is proven wrong.**

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■ **Influence of high-frequency electromagnetic radiation at non-thermal intensities on the human body (a review of work by Russian and Ukrainian researchers)**

No Place To Hide - Newsletter of the Cellular Phone Taskforce Inc., February 2001

<https://magdahavas.com/wp-content/uploads/2018/02/RFR-Russian-Ukrainian-1.pdf>

Highlights:

Humanity may have crossed a threshold of recoverability from PEM exposure ...

No safe dose, even at extremely low EMF intensity ...

Russian standards hundreds to thousands times more stringent than Western ones ...

Information flow disturbance in the body among bio-damage mechanisms

...

2. Natural Electromagnetic Background

Natural sources of background EMF consist mainly of objects of cosmic origin: radio emissions from the sun and planets, relict radiation, and noise from atmospheric events [Pisanko, Pyasetskiy].

Background microwave radiation—relict radiation—is cosmic radiation with a spectrum characteristic of an absolutely black body at a temperature of 2.7 K; it determines the intensity of the background radiation of the

universe in the shortwave radio band (in cm, mm and sub-mm waves). It is characterized by the highest degree of isotropy. The main contribution to the energy density is made by radiation with wavelengths from 6 to 0.6 mm. In this range, the energy density is 0.25 eV/cm³. Radio emissions from an active sun, during eruptions and flares, are observed at frequencies of 1.2, 3, 9.5, 35 and 70 GHz, raising the total activity by 30%. The intensity of natural background EMR is at a maximum in the morning hours and at a minimum in the evening. A power flux density (PFD) of 3×10^{-7} mW/cm² in the range of 100-300 GHz was recorded on the Earth's surface when the atmospheric concentration of water vapor was 2.7g/m³.

EMR with wavelengths less than 3 cm is absorbed by resonance in the atmosphere:

1) in precipitation (rain, fog, snow);

2) by molecular absorption in water vapor and oxygen.

Researchers [Yesepkina, Korol'kov and Pariyskiy] note the resonant absorption of water vapor at frequencies of 26 and 188 GHz. Atmospheric oxygen has absorption maxima at frequencies of 60 and 118.7 GHz. In addition, this band contains windows of transparency at wavelengths of 8.6 mm, 3.2 mm, 2.1 mm and 1.2 mm.

Radiation in the mm band penetrating from space through the windows of transparency can be considered to be the primary radiation. On Earth, the heating of various physical bodies also gives rise to radiation in the mm band, which can be considered secondary. Such sources of EHF EMR are water, sand, bricks, plaster, granite, marble, wood, etc. [Sit'ko, Skripnik and Yanenko, 1999].

Since living organisms have evolved under conditions of low natural background EHF EMR, they lack a ready-made mechanism of evolutionary adaptation to heightened levels of radiation resulting from technogenic factors. ...

10. Effects of High-Frequency Communications Media on Human Health

During the last 50 years [Up to 2001], the round-the-clock power of radio emissions has increased by a factor of more than 50,000. In epidemiological studies of the population of Ukraine, a connection was established between leukemia in children and cancer in adults, and exposure to EMF at industrial frequencies. Specific injuries under radiowave exposure are development of cataracts, instability in leukocyte make-up of peripheral blood, and vegeto-vascular disorder [Grigoriev, Grigoriev, Stepanov and Pal'tsev]. Radar stations, which are the most

powerful and dangerous sources of radiofrequency influence on the environment, are widely used in aviation for controlling air traffic, in radioastronomy, in anti-aircraft defenses, and in space research [Occupational Hygiene at Radio Location Stations and Other Facilities Using Electronic Apparatus, Chernetsov, Lyutov and Volodin]. One model for calculating doses absorbed by bioobjects in the EHF range is provided by [Sveshnikova, Chovnyuk].

According to the results of [Miroshnikova], the millimeter and centimeter ranges of radiation have the biggest effect on initiation and development of blood disorders, and the mm range, on diseases of the circulatory system.

The risk of developing diseases of the central nervous system increases under exposure to decimeter waves. Data on development of psychic disturbances [Orlova et al.] under EMR exposure show effects ranging from asthenia and changes in mood to nonsensical ideas and aural and visual hallucinations, and disturbances in behavior all the way to **attempts at suicide**. A connection was noted between EMF exposure and the development of malignant tumors: the likelihood of cancer was three times greater under SHF exposure [Yu.G. Grigoriev]. **It can be proposed that the current increase in electromagnetic pollution of the environment exceeds human adaptational capacities.**

The organs and tissues most susceptible to thermal effects have poor blood supply (making it harder to dissipate heat)—for example, the crystalline lens of the eye—or have high water content (the blood, liver, reproductive glands, stomach, urinary bladder, etc.). Therefore, when SHF energy is absorbed, it produces so-called “hot spots” of local heating, including in vital organs. During this process, a person might not feel any heating of internal organs inasmuch as heat receptors are located in the skin. For example, most dangerous from the point of view of formation of “hot spots” in the head are frequencies of 700- 2500 MHz in the decimeter range, and it is precisely here that the frequencies of 900 MHz, 1800 MHz and 2.45 GHz of cellular communications fall. Absorption of EMF in biologically active points is many times more effective than in other parts of the skin, and this energy, through the system of Chinese medicine, affects internal organs and the body as a whole. **The danger of mobile telephones consists of the fact that in addition to direct effects on the brain, the whole body is irradiated via the biologically active points of the concha of the ear.**

Today it is important that any potential user can receive needed information at any desired moment in time in the necessary form at his preferred point in physical space. Such an approach to guaranteeing

access to information resources in recent times has led to an outburst of activity in the field of creation of all kinds of communications systems and, foremost, space communications systems, which have the needed characteristics in operativity and globality of information provision [Grinyaev and Rodionov]. These communications systems will work in SHF and EHF bands of electromagnetic radiation and, according to estimates, will be able to create on the Earth's surface a power density of radiation of 10^{-6} to 10^{-7} W/cm² and in special modulated modes, 10^{-2} to 10^{-3} W/cm² [Aleshenkov, 1997; Aleshenkov, 1998].

Studies have repeatedly proven that the basic carrier of information both within a biological object and between separate biological objects, including people, is electromagnetic radiation. In this process, circulation of an enormous flow of information in the course of a person's life activities is possible only through the use of low-power signals. The expenditure of energy in the formation of these signals is determined by the energetic capabilities of the person. According to estimates by experts, the sum power of the informational signals does not exceed 1 to 10 mW, or 10^{-3} to 10^{-4} of the thermal power radiated by the organism [Afromeev], and the power of EHF radiation of a cell is $P=10^{-23}$ W/Hz [Nefedov, Protopopov].

In recent times, we have observed a growing interest by researchers in the paradoxical effects of exposure of living organisms to small doses of various biologically active substances. What is "paradoxical" is that these effects are generally observed at concentrations of four to ten orders of magnitude lower than normally used and thus not expected to produce any response, and that unusual patterns of response are typical of the effects of super-low doses (polymodal dose dependency, etc.). The level of biological organization at which the effects of super-low doses are detected is highly varied—from cellular, macromolecular, organic and tissue to animals, plants and entire populations. General experimental results obtained from various animals and humans gives evidence that exposure to radiation or chemical substances may induce identical reactions to those experienced at doses differing by five to ten orders of magnitude [B.N. Rodionov and R.B. Rodionov]. The clearest example of such an effect is the use of homeopathic preparations or cancer medicines at super-low doses [Potebnya, Lisovenko, Shalimov; Sit'ko, Skripnik]. Similar results are also seen under the influence of super-high frequency radiation (SHF radiation). Thus on the curve of the relationship of the value of the physiological effect to the power density of irradiation, two maxima are seen [Grinyaev and Rodionov]. These maxima are also separated by a "dead zone," the presence of which is explained as the

result of the inclusion of active barrier mechanisms and compensating systems in the working of the organism. When these powers cease working, total agitation is observed, culminating in death of the organism. In the natural course of evolution, the receptor system was formed in such a way that it reacts only to the most significant signals of low intensity. This, for example, was successfully demonstrated in rats in experiments on development of the conditioned “avoidance” reflex depending on parameters of weak electromagnetic signals. The reaction developed best of all to signals with a frequency of 300 Hz at a power density of 10-11 W/cm². Increasing or decreasing the power density by one or two orders without changing other parameters of the signal made it impossible to develop a conditioned reflex. Changing the frequency to 500 or 50 Hz had the same effect.

One of the main peculiarities of the creation of resonance effects is the scant power and short time of irradiation. Thus, the informational-wave therapy apparatus “Porog-1” and “Minitag” work at a super-low power flux density of roughly 10-17 W/cm² [Illarionov] over the course of a few seconds or minutes.

Observed higher resonance frequencies of a living cell coincide with frequencies of radiation of communications satellites. The power densities and duration of irradiation created by these satellites will significantly exceed (by ten or more orders of magnitude—such irradiation is possible over the course of a whole lifetime) the energetic doses inducing changes in living cells.

In this connection we consider possible consequences from the effects of electromagnetic radiation from communications satellites on biological objects. **Phased array antennas** are capable of scanning the earth with a dispersion angle of 0.3 degrees. The installation of such antennas in a global system of low-orbit satellites, transmitting with a power of 800 W, working at frequencies of 20 and 30 GHz, at an orbital height of 1400 Km, may provide the Earth’s surface with power densities of 10-8 to 10-9 W/cm² or pulsed 10-2 to 10-3 W/cm² in the microsecond range. **Negative consequences of this may be changes in cell structures and physiological processes, genetic changes, and alteration of psychophysiological conditions and behavior** (development of conditioned reflexes). As a result of superpositioning fields from several sources of radiation, standing waves may arise, the frequency of which may coincide with resonance frequencies of living cells or rhythms of various organs and functional systems of an organism. Therefore there will be a likelihood of changes (including negative changes) in the genetic

apparatus of living cells during prolonged exposure to low-energy electromagnetic radiation from communications satellites. As a result of such effects on genetic mechanisms of transcription, translation and repair, and also on the mechanism of gene expression, there may result the production of significantly different biological species with unpredictable characteristics. Mutations which carry a selective advantage have a tendency to increase, i.e., give rise to instability. In this way, natural selection is actually based on instabilities, brought about by the appearance of favorable mutants which lead to the collapse of earlier stable structures, and evolution itself consists of an endless replacement of some stable conditions by others through instability.

This representation of evolution fits well with modern ideas about synergetics. Modern synergism is the recognition of the role of small fluctuations in energy which can change the structure of complex systems at a point of bifurcation. It is believed that these low-energy signals influence the choice of routes of further development at the moment of bifurcation, when there are a number of equal-valued choices.

Inasmuch as mutations for the most part are deleterious, no one biological species can allow itself to accumulate them rapidly in its own reproductive cells. Preservation of the species requires that the reproductive cells of organisms be protected from rapid genetic changes, but preservation of each specific individual requires just that kind of protection for all the other cells of the organism as well. Nucleotide substitution in somatic cells can enable the natural selection of those cells which are better suited to the existing conditions. This can lead to their uncontrolled proliferation, for example, to development of cancer, which in the Western hemisphere causes more than 20% of premature deaths. Convincing research shows that death in this case is mainly due to accumulation of changes in DNA sequences in somatic cells. A ten-fold increase in the frequency of mutations would likely lead to a catastrophic increase in the number of cases of cancer.

In an article by [Rodionov, 1999], a number of evidences of the bioeffects of EMR are presented. For example, exposure to SHF and EHF EMR at a PFD of $5 \mu\text{W}/\text{cm}^2$ significantly influences the properties of physiological systems and changes the flow of physiological processes, because the frequency of oscillation of DNA is 2×10^9 to 9×10^9 Hz; of chromosomes, 7.5×10^{11} to 1.5×10^{13} Hz; and of the human cell genome, 2.5×10^{13} Hz; which speaks of the relationship between the acting physiological factor and the receiving biological structure, with the power of the cell's

own EMR being 10-23 W/Hz. Biosystems of a high level of organization, in particular, humans, can react to subthreshold-intensity signals or have the ability to react additively, because the higher the level of organization, the greater the sensitivity. The sensitivity of a human to the effects of SHF and EHF radiation is estimated at a level of 10-16 W/cm² . It has been experimentally established that when PFD is more than 10-4 W/cm² , it induces auditory sensations in humans, and at 10-11 W/cm² it induces conditioned reflexes in rats. Prolonged non-intensive or short intensive (at powers greater than 10-4 W/cm²) exposure induces a reaction of alarm over the course of a few days, and later, compensation and adaptation. Under prolonged intensive exposure, there occur a stage of alarm, a stage of exhaustion and the emergence of pathology in the organism. Under prolonged intensive exposure, genetic changes are possible and also impaired immunity.

Therapeutic devices working in EHF (millimeter), centimeter and decimeter ranges of EMR wavelengths have some specific actions on those ill with one or another pathology.

The results of experience in therapeutic effects of EMR with power density of 10-5 W/cm² and a smooth tuning of modulation frequency from 1 to 100 Hz are presented in Table 2 (575 patients) [Rodionov, 1999].

Comparison of the parameters of therapy with the parameters of EMR created by elements of mobile communications shows that the use of mobile communications may exacerbate the diseases listed in Table 2.

TABLE 2

| Disease | Type of Therapy (EMR Range) | Results of Treatment % | | |
|--|--------------------------------|------------------------|-----------|-----------|
| | | Improvement | No Change | Worsening |
| Bronchial asthma | EHF | 69.2 | 30.8 | 0 |
| | CMW | 75.0 | 25.0 | 0 |
| | DMW | 70.6 | 29.4 | 0 |
| Ischemic heart disease | EHF | 70.0 | 20.0 | 10.0 |
| | CMW | 73.3 | 26.7 | 0 |
| | DMW | 70.0 | 30.0 | 0 |
| Hypertension | EHF | 70.0 | 30.0 | 0 |
| | CMW | 75.0 | 25.0 | 0 |
| | DMW | 70.0 | 30.0 | 0 |
| Gastric and duodenal ulcers | EHF | 73.3 | 26.7 | 0 |
| | CMW | 70.6 | 29.4 | 0 |
| | DMW | 76.9 | 23.1 | 0 |
| Radiculitis | EHF | 60.0 | 30.0 | 10.0 |
| | CMW | 66.7 | 33.3 | 0 |
| | DMW | 76.5 | 23.5 | 0 |
| Vascular-cerebral insufficiency | EHF | 71.4 | 28.6 | 0 |
| | CMW | 69.2 | 30.8 | 0 |
| | DMW | 72.7 | 27.3 | 0 |
| Arthrosis | EHF | 60.0 | 40.0 | 0 |
| | CMW | 68.8 | 31.2 | 0 |
| | DMW | 76.5 | 23.5 | 0 |
| Neurosis with predominance of agitation | EHF | 80.0 | 20.0 | 0 |
| | CMW | 63.6 | 31.2 | 0 |
| | DMW | 76.5 | 23.5 | 0 |
| Neurosis with predominance of depression | EHF | 75.5 | 25.0 | 0 |
| | CMW | 66.7 | 33.3 | 0 |
| | DMW | 66.7 | 33.3 | 0 |

Patients suffering from neurosis with agitation were exposed to an EHF-field of 2 mm wavelength and 2 Hz modulation frequency for 10 minutes, bringing about improvement in their condition. In treating neurosis with depression, positive results were obtained with EMR of 2 mm wavelength and frequency modulation at 20-21 Hz. Irradiation of healthy people with EHF radiation with the noted parameters puts them in danger of agitation at FM 20-21 Hz and of depression at FM 2 Hz. **It also appears possible to artificially manipulate the psycho-physical condition of people** [Kozhokaru; Men'shikov, Rodionov and Grinyayev].

Much research by various authors has been dedicated to studying the biological effects of radiation from computer terminals. [Anisimov, Zabezhinskiy et al.] showed that chronic irradiation from the video terminals of personal computers causes acceleration of sexual maturation and **premature termination of reproductive functions in female mice**, and **reduces nocturnal levels of melatonin in blood serum**. The data obtained give evidence of the expression of biological effects of irradiation by PC video terminals and their possible negative effects on the health of users. Special neuroendocrinological research by [Khusainova and Kornienko]

showed that six-year-old children regularly using computers in kindergarten were observed to have an increased basal level of urinary secretion of adrenaline, reduced secretion of DOPA, and increased salivary concentration of 11-oxycorticosteroid, which gives evidence of increased functional activity of the hypothalamo-pituitary-adrenal system and reduction of its reserve potential, and may be the basis of acceleration of sexual maturation.

For understandable reasons few items are found in the open press on studies of the negative effects on human health from EHF EMR from communications equipment.

[Simonenko, Chernetsov and Lyutov] presented data from an investigation over a span of four years of groups of workers having contact in the course of their work with low-power EHF EMR. The first group received irradiation at a level of 30-40 $\mu\text{W}/\text{cm}^2$ for up to six hours a day. The second group received irradiation at a level of 10-30 $\mu\text{W}/\text{cm}^2$ for from two minutes to 2-4 hours a day. The third group received irradiation at a level of 1 $\mu\text{W}/\text{cm}^2$. All other conditions among the groups were identical. In the first group, the most frequent illnesses proved to be neurotic syndrome with vegetative dysfunction and astheno-vegetative syndrome. There was a high frequency of hypertension, early development of ischemic heart disease, and bronchospasms. Nearly all the persons studied complained of: headache and dizziness; irritability; fatigability; general weakness; sleep disturbance; daytime sleepiness; pain in the region of the heart; difficulty breathing; and stomach pains and indigestion. The frequency and nature of the complaints were identical for men and women, and the nature of the complaints were identical for all groups, but quantitatively they increased depending on age and number of years on the job.

11. Discussion

[Kryukov] considered biological adaptation, which is a protective response of an organism to a change in the condition of the external environment (i.e., the current norms). In the case of EHF EMR adaptation occurs predominantly on the cellular and genetic levels. This process is extremely slow, beyond the length of a human life. Therefore, any increase, however significant, in the range of changes in the radiation norms may lead to remote negative effects. Fields in the near and far zones of a radiating antenna are different in principle, and consequently may lead to different biological effects.

Under a sharply resonant response, change in the nature of functioning over a relatively long time is understood as a remembrance by the

organism of the result of EHF exposure. A sharply resonant response in living organisms is difficult to verify through the integral functions of a healthy organism (not changed by external influences). The bands of frequencies of response of separate systems of the organism to external influences are usually overlapping. As a result, the dependency of integral functions on frequency lacks a pronounced resonant character. The biological effect at resonant frequencies is usually connected with the presence in the organism of small disturbances and is insignificant. A factor acting strongly on the organism, however, may lead to a sharp change in the response. Thus in the experiments by L.A. Sevastianova conducted shortly after the explosion at Chernobyl (in 1986), when grain exposed to the radiation was used as animal feed, it led to significant changes in the animals' reactions to EHF exposure.

Although in our estimation the peak of research on HF effects in the former USSR occurred in the mid-80s, in the subsequent years publications appeared (for example, a review by [Gapeev and Chemeris, 1999]) on the presence of so-called resonance effects in bioobjects under EMF exposure, and on the role in bioeffects of some forms of modulation; the presence of so-called frequency and amplitude windows was demonstrated, which have high biological activity at the cellular level, and also in the case of the influence of EMF on the central nervous and immune systems. Many studies indicated an "informational" mechanism for the biological effects of EMF. **Data were published on unpredictable pathological reactions of humans to modulated electromagnetic fields.**

Analysis of theoretical and experimental data on the biological effects of HF EMR indicates the necessity of conducting correct radiation dosimetry for the specific conditions of the experiment and radiating system, otherwise interpretation of the results obtained may be unreliable, inasmuch as artifacts connected with the radiation may cause disturbances in the effects with no correspondence whatever with the specific action of the EMR. This would allow systematizing of the data by degree of their reliability, and consequently, their significance for development of further avenues of research into the mechanisms of action of HF EMR on living systems. The known biotropic parameters of HF EMR, such as frequency, flux density of the energy of radiation absorbed by an object, time of exposure, and polarization and modulation of the radiation, are not a fully exhaustive list of factors affecting an irradiated object. It is necessary to take the condition of the bioobject and its connections to the environment into account in more detail.

Mastery of the mechanism for controlling expression of genes with the

help of electromagnetic radiation may open up the possibility of controlling the behavior and condition of biological objects [Nefedov, Protopopov et al.]. With regard to humans, it leads to the danger that undesirable consequences on the genetic and physiological levels may be provoked in populations in irradiated territories. Thus, in irradiating the human organism it is possible to inhibit a number of parts of the genome of lymphocytes. This may lead to various abnormalities, including in immune protection, which is the body's most complex system. Such effects, by inhibiting the translation of certain genes, can cause the cessation of synthesis of immunocytes responding to the manufacture of antibodies for certain antigens. For some time after exposure, the immune system of those irradiated will not be in a condition to fight infections provoked by antigens, the reaction to which has been inhibited, and even influenza can prove fatal. [Kryukov, 1998] presented a diagram of trends in total irradiation over the course of the 20th century. One should note the sharp growth in EHF EMR since 1975. One must not exclude the possible influence of increased levels of EHF EMR on the appearance and acceleration of the spread of acquired immune deficiency syndrome during this same period of time. ...

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■ **Summary of book by Arthur Firstenberg**

■ **The Invisible Rainbow: A History of Electricity and Life**

<https://www.5gexposed.com/wp-content/uploads/2019/04/English-Summary-of-The-Invisible>

[-Rainbow-A-History-of-Electricity-and-Life-3.pdf](#)

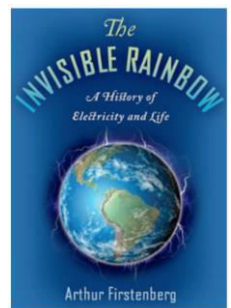
■ **L'arc-en-ciel invisible - une histoire de l'électricité et de la vie - résumé en français**

<https://mieuxprevenir2.blogspot.com/2018/06/larc-en-ciel-invisible-une-histoire-de.html>

http://www.alerte.ch/images/stories/documents/etudes/l_nvisible_Rainbow_%20Resume_Informatif.pdf

■ **Der unsichtbare Regenbogen: Eine Geschichte der Elektrizität und Ihrer Wirkung auf das Leben**

<https://digitalsurvivor.uk/2019/03/18/the-invisible-rainbow-book-by-arthur-firstenberg/>



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■ The [World Health Organization] WHO cover-up that is costing us the Earth by Olga Sheean

[Funds needed for other language versions. Volunteer German translator needed for German version, please]

Video: https://www.emfoff.com/cover-up/?fbclid=IwAR0x-VNP6A4UTpCgwasEISJOG_GyuswK3vED7piTY4RWDmAFPq-riDwNckE

The facts about 5G and other sources of wireless radiation have been very skilfully downplayed and covered up by WHO, industry and governments, causing many people to believe it's not a problem. The truth is that it's causing havoc all over the planet. **Find out what WHO and governments have been hiding from you.**

Download PDF - *The WHO cover-up that is costing us the Earth: Are you ready to say goodbye? The 5G spin, the deeper truth and what you can do:* <https://www.emfoff.com/wp-content/uploads/2019/06/WHO-cover-up.pdf>

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■ La dissimulation de l'OMS qui nous coûtera la vie sur Terre (vidéo et document)

24 juillet 2019

https://www.emfoff.com/cover-up-fr/?fbclid=IwAR1y0he4Rc_jQspGhOHFPN9kev0DdcCplMOQK5750U8SUt-4tpNr-gU_hB8

Transcription: <https://www.emfoff.com/wp-content/uploads/2019/07/French-video-transcript-1.pdf>

Déjà en 1973 – il y a 46 ans – l'OMS connaissait la vérité : que le rayonnement à micro-ondes provoque de multiples problèmes de santé. L'OMS a publié un document qui résulte d'un symposium tenu à Varsovie du 15 au 18 octobre 1973, avec la participation de 60 chercheurs spécialisés dans les effets biologiques des micro-ondes sur le vivant.

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La 5G est une course sans merci entre les super-puissances qui rivalisent pour une domination mondiale.



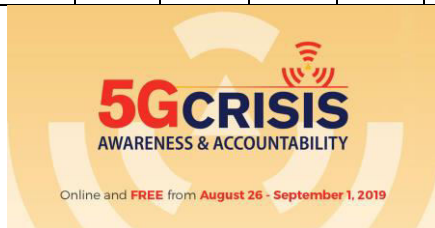
12. SOLUTIONS

■ 5G CRISIS SUMMIT

**Encore weekend 7 & 8 September
(free and online)**

**CLICK HERE TO SIGN UP FOR THE
5G CRISIS SUMMIT**

If you want to understand everything that is important to know about the threat from 5G, what its implications are for you and your family, how you can take action to combat it, and what protections are available to you, don't miss all the interviews with experts during Josh del Sol and Sayer Ji's **5G Crisis Summit**.



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■ Wireless Education – safe schools, healthy workplaces



https://www.wirelesseducation.org/store/l2/?mc_cid=08539c5058&mc_eid=02a0edb757

Example course:

Schools and Families Course

€6.50

Currency converter available at the bottom of page.

If you own a smartphone, a tablet or wearable device and have Wi-Fi at home, this course is designed to help explain the basics of your wireless technology. At the end of the course, you will have an overview of what it is, how to use it more safely and reduce your levels of exposure to microwave radiation.

Duration: Approximately 30 minutes

The course covers:

- The history of the research conducted around wireless technology
- What microwave radiation is and why it could be bad for you
- A look at Electro Sensitivity (ES) and how to spot the signs
- Medically recommended guidelines on how to make your wireless

devices safer to use for you and your family ***

- Practical technology tips and tricks to **reduce your exposure levels** at home and at school **by at least 80 percent!**

*** Now including a **special section** on **Digital Addiction** with practical hints to manage this.

Here are some **feedback** comments from people who have undertaken the Schools and Families course:

'A really well made course. I like the fact that you have the printable reminder and the option to email the certificate. And that you can redo the course until you get it right!'

'Great eye opener to the dangers of something that's becoming embedded in our everyday day life.'

In addition, we offer a **100% money back guarantee**. Simply contact us, explain the issue, and if we are not able to resolve it we will refund you.

Upon completion, you will be able to download a Tip Sheet to print and keep so you don't have to remember it all. You may wish to post it somewhere visible to remind you of these important safety instructions.

You will also receive a **certificate of completion** which you can print out and keep.

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■ **Australia: Eliminating WiFi in schools with WiFi plugs**

Below please find the email I send interested parents from other schools. I advertise what I've done at the school and get requests from other concerned parents about how I did it. Other parents then approach their schools and ask for Wi-Fi Plugs to be installed and we put upwards pressure on the Dept of Education to act. Unfortunately it will take legal action before the Dept of Education removes Wi-Fi but that is now underway in Australia.

Regards,

Libby

biggles20108@bigpond.com

Dear Parent,

My name is Elizabeth Madders and I am on the P&C at CHHS. We have an EMR panel on the P&C which I have lead since our inception in 2014 when we battled a Telco Tower installation opposite the High School. I am the lady who appeared on the Australian ABC Catalyst programme

discussing the Wi-Fi Plugs several years ago now
<https://www.youtube.com/watch?v=z5ZOJZQbkml>.

Recently, there have been some major developments with lawyers now advertising for people who have been harmed by Wi-Fi – this is critical to our argument of biological damage because why would lawyers sue if there was no proof of harm. <https://premiercompensationlawyers.com.au/service/compensation-law/wifi/>.

I applaud your decision to bring this topic up at your child's school and unfortunately most people are not aware all Electromagnetic Radiation (EMR) is biologically damaging. I have lots of resources and am happy to send them to you if needed.

I should firstly note that the school would not hardwire but the Wi-Fi Plug are a type of engineering control which gives teachers the ability to turn the Wi-Fi off when not required. Wi-Fi was placed in all Australian High Schools in 2008 under the then Prime Minister, Kevin Rudd. You may remember the government Digital Education Revolution at the time.

CHHS had an electrician, head IT teacher plus a P&C electronics specialist and a P&C engineer who assisted in this project which is a landmark initiative in Australian schools.

The school has wireless **routers but not modems** so when you pull the plug there is no power going to these devices meaning no wireless either. They are POE devices, they are not independently powered so when you pull the plug there is no more power to them. So no plug, no power, no Wi-Fi.

We have the Wi-Fi Plugs in all 75 classroom. Initially we trialled them in a couple of classrooms.

Here is some technical info about our Wi-Fi Plug setup and a photo is also attached.

Basically initially we trialled a number of custom made **switches** that would disable POE (power over Ethernet) therefore disabling the WAP (wireless access points).

These were sourced from companies that actually install Wi-Fi and the switches are quite cheap and this approach was going to cost us \$23K for 75 switches.

The schools IT Dept then conducted some network tests and were not satisfied with the impact they had on the network because of interruption/lag etc.

We then changed our approach and settled for **RJ45 plugs which we call the Wi-Fi Plugs** which were placed where teachers could access them

and easily unplug. RJ45 switches are very cheap.

If a teacher doesn't require Wi-Fi, they simply remove the ethernet cable from the port which disables the access point and with this approach the network does not get interrupted.

The school's electrician installed the RF45 plugs and 75 plugs cost approximately \$6000 to install which was a much cheaper and better option than the Wi-Fi switches.

Hope that information is of help to you. Below please see a link to our school website discussing the Wi-Fi Plugs.

<https://www.chhspsc.org.au/emr>

We have also trialled a number of another initiatives aimed at educating students such as Mobile Phone Safety Posters and Safety tips.

<https://castlehill-h.schools.nsw.gov.au/supporting-our-students/parents--carers-and-the-community/p-c/mobile-phone-safety-tips---cyberbullying-information.html>

We are a group of dedicated and passionate volunteers wanting the **Precautionary Approach** for our children.

Please do not hesitate to contact me at this email address for more information or further clarification. Once I know what resources you already have, I will send you my resources and hopefully you can convince your school/P&C of the evidence of harm.

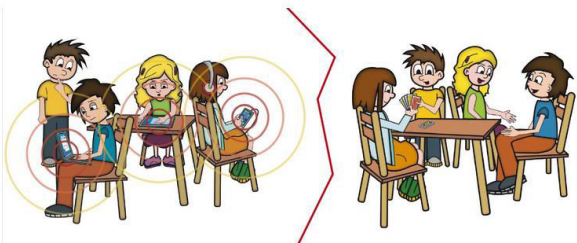
Kind Regards,

Elizabeth Madders

CHHS P&C - EMR Committee

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- **Schulkoffer-Elektrosmog: Kinder und Jugendliche lernen, den Umweltfaktor Elektrosmog zu erkennen und bewusst damit umzugehen (Educational materials for schoolchildren)**



<https://www.salzburg.gv.at/themen/gesundheit/gesundheitsvorsorge/umweltmedizin/elektrosmog/schulkoffer-elektrosmog>

Ausgangslage

Die Exposition gegenüber Elektrosmog, insbesondere im Funkbereich,

nimmt im Alltag und in der Schule zu. Dies ist bei Kindern und Jugendlichen besonders problematisch. Daher hat das Land Salzburg einen Schulkoffer Elektrosmog entwickelt. Ziel ist, dass Kinder und Jugendliche lernen, den Umweltfaktor Elektrosmog zu erkennen und bewusst damit umzugehen. Dies ist eine wichtige Voraussetzung zur Lösung der mit der Anwendung dieser neuen Technologien verbundenen vielfältigen gesundheitlichen, sozialen und pädagogischen Probleme.

Wissensvermittlung

Der „Schulkoffer–Elektrosmog“ vermittelt Wissen stark über Bilder. Ein Suchbildrätsel z.B. zeigt den Schülern spielerisch Bilder zu allen Themen. Dabei zeigt sich, an welchen Themen die Klasse besonders interessiert ist und hilft bei der Themenauswahl. Zugleich bekommen die Schüler - allein über die Bilder - einen Blick für mögliche Elektrosmog-Quellen, selbst wenn anschließend nicht alle Themen bearbeitet werden. Das Bewusstsein für Elektrosmog im Alltag wird durch altersgerechte grafische Darstellungen, Spiele und Arbeitsblätter geweckt. Einfache Versuche machen den unsichtbaren Elektrosmog sichtbar, hörbar und erlebbar.

Zielgruppe

primär Pädagogen und Schüler der 3. – 6. Schulstufe, sekundär alle Schulstufen und Erwachsenenbildung

Vorkenntnisse der Pädagogen sind nicht erforderlich: Das theoretische Wissen zu jedem Thema findet sich als „Lehrerinfo“ auf maximal zwei Seiten. Alle Versuche sind so beschrieben, dass keine physikalischen Vorkenntnisse notwendig sind.

Kofferverleih

Die Koffer können nur an Schulen im Land Salzburg verliehen werden. Es besteht aber die Möglichkeit, die im Internet verfügbaren Materialien und Grafiken frei zu verwenden. Zum Schutz der Koffer ist ein Versand nicht möglich.

Bei Interesse wären die zwei Koffer jeweils nach Terminvereinbarung, persönlich in der Landesaniätsdirektion Salzburg, Sebastian-Stief-Gasse 2, 5020 Salzburg, 2. Stock, Zimmer 218, Frau Nicole Weiß, Tel. +43 662 8042 2312, nicole.weiss@salzburg.gv.at abzuholen und zurückzubringen.

Inhalte

Die Inhalte des Schulkoffer-Elektrosmog finden Sie [hier](#).

Medieninformation

https://service.salzburg.gv.at/lkorj/Index?cmd=detail_ind&nachrid=60747

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- **Overwhelmed by the #5G horror? Study 68 empowering #Stop5G tools!**

8 April 2019

https://www.facebook.com/notes/top5g/overwhelmed-by-the-5g-horror-study-68-empower-stop5g-tools/646078009160691/?_tn_=-UK-R



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- **The 5G paradox: how the 5G control grid can lead us to freedom**

27 July 2019

<https://www.collective-evolution.com/2019/07/27/the-5g-paradox-how-the-5g-control-grid-can-lead-us-to-freedom/>

The worldwide rollout of the fifth generation of wireless technology or 5G is being met with increasingly vociferous opposition from growing numbers of physicians, scientists and campaigners. But could 5G paradoxically represent a magnificent opportunity for us to change course, away from our current self-destructive trajectory?

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- **The ultimate disguise? New concept glasses make the wearer undetectable to facial recognition software and could help protect privacy from prying cameras**

23 July 2019

<https://www.dailymail.co.uk/sciencetech/article-7276255/Spectacles-make-wearer-undetectable-facial-recognition-software.html>



- Reflectacles IRpair make it impossible for cameras to capture a person's identity
- They do this by turning the eye area black and reflecting infrared beams back
- Can be worn during the day and night, both in bright and dark

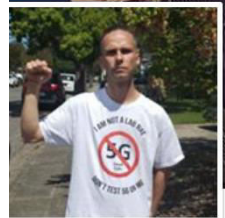
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■ **Matt Landman: denying consent at town council meeting**

2019

<https://www.facebook.com/landman808>

“Hello, thank you. My name is Matt Landman of Eureka, California. I frequent Larkspur and Marin county. I do not consent to the radiation exposure levels associated with 5G. 5G technology has not been proven safe. The one millimeter-sized carrier wave used in 5G tech is, also, used at airports in body scanners where people have the right to opt out. Living in a 5G environment will be like spending 24-hours a day in an airport security body scanner. Please consider creating an independent, unbiased research committee to assess the proximity and cumulative exposure health implications while especially considering children and pregnant women. The City of Larkspur is not capable of making an informed ruling on this complex 5G infrastructure deployment without adequate research. No offense - you're just not experts on these topics, but experts do exist for topics such as radio frequency, non-ionizing radiation, electromagnetic fields, and bio-accumulation exposure impacts that result in childhood leukemia. One millimeter sized military-grade carrier waves requiring a small cell tower every 500 feet? - I do not consent to a small cell in front of my home and neither should you. Please ban 5G from Larkspur or form a committee to assess the health implications before experimenting on us and our children and our children's children. Three weeks ago, March 14, 2019, the State of New Hampshire passed a bill, which establishes a commission to "study" the environmental and health effects of evolving 5G technology. The Bill appoints qualified experts to ask questions such as, Why are the FCC radio frequency exposure limits set for the United States one hundred times higher than countries like Russian, China, Italy, and Switzerland?; Why have thousands of peer-reviewed studies showing DNA damage, brain and heart tumors, infertility, and so many other ailments being ignored by the FCC?; and Why are the FCC sanctioned guidelines for public exposure to wireless radiation based only on the thermal effect, on the temperature of the skin, and do not account for the non-thermal, non-ionizing biological effects of wireless radiation?. If the



state of New Hampshire can ask these questions, so can Larkspur. I would like to submit this bill for reference, and I, also, have copies for anyone interested. On a final note, I just want to say how very disturbing it is that we have to come here to beg to not be poisoned by radiation. Thank you for having a heart. Thank you for hearing our plea.”

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■ The best game on earth: simple strategy to transform humanity - TED Talk by Norie Huddle

30 May 2018

https://www.youtube.com/watch?v=Q9DTi9fXf_g

Norie Huddle has a simple but powerful model for transforming the world in a way that is fast and fun — insights she shares from almost 50 years of seeking root solutions to the most pressing problems humanity faces. Watch this talk and you'll never see the world - or your life - the same way again! Author of seven books (four bestsellers, one global meme), Norie retired at 25 (1970), dedicating her life to understanding "how things work" and how to transform humanity rapidly so we can survive and thrive.

She has an eclectic, international background, speaks several languages and has lived in the US, Italy, Colombia, Japan and Ecuador. In Ecuador, since 2007, Norie and her husband have been building the Garden of Paradise, a rural development model and healing & retreat center.

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■ Comment from Ireland

2 October 2018

<https://www.politicalirish.com/threads/all-about-5g.29875/page-5>

[Ed. I could not resist including this incomparable piece of Irish humour, which I happened upon on the Internet. I reproduce it here verbatim. It's signed "Una".]

the rich and powerful have cut the ditches of the entire country which is a major undertaking un reported in the media --why un reported --- I rarely now watch TV and I came in to watch the news the other night and I had the sound down as the ads are entertaining with out sound a you can concentrate on the trigger images some of which are daft .

I was watching one long very expensive ad and I could not make head or tail of it as it was full of PC warm golden images of life in Ireland --lovely sweeping scenery and clips of the Dublin castle public party for gay

marriage --loads of rainbows and smiling faces --a collection of classic images of the Irish in great form doing their thing --I WAITED FOR THE PUNCH---- IT WAS UNBELIEVABLY 5G -being drenched with warm loving golden syrup to get us ready and if we reject this surely we reject the lovely golden images also --what crap.

if the ditches must be cut surely I could put up a lead curtain in a field in line with the transmitter and block the microwaves to my family --simple geometry suggests a small square in line with the transmitter would block a wide area behind the square in theory a handkerchief sized lead sheet should be able to protect a town if correctly located .

if trees can stop it surely we might not need lead -- I am told tinfoil will stop it.

a community could get together and ask a farmer would he mind if they strung a sheet of something between trees in his ditch --I would think very few would refuse when they were aware of who they were protecting. is it possible to collect the signal by a dish and direct it back where it comes from or direct it to to employees homes in concentrated form --if the people who make money from this had to protect themselves from their own product It would answer a few questions and it would be interesting to see how close the transmitters will be to the directors houses -- we are told it is like putting your head in a microwave oven .

France has now banned any/ ALL primary schools from using WI FI as their research has shown nerve /brain cells are damaged in the young when subjected to microwaves . slan bugs

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■ **(Almost) instant
throat chakra
healing meditation
| 192Hz frequency
vibrations and
music**

13 November 2014

<https://www.youtube.com/watch?v=gBXG0obrSs4&list=PLP8MR08fyYWovuC3YlZ9nuo3jmzoBe2yJ&index=14>

Comments:



[D 2 years ago](#)



Only people who feel small inside would make you feel bad. One behaves the way he feels about himself. And you reflect your inner world as well, which is the only thing you can control. I felt the same way I was trained to please others over caring for how I feel. This is the root of all self-destructive behaviors.



Dina Garcia 2 years ago (edited)

D, I totally agree with you! Not speaking up is the root of destructive behavior. It leaves the world unbalanced when only half of the people in the world speak their mind and the other half scared to say anything in order to keep the peace and not hurt anyone's feelings. The only way to balance things out is to step out in faith and be bold and strong and speak our minds and not wait until we are super annoyed before we say something and usually it comes out in anger if we wait that long and there's no balance in anger. So I say speak your mind while you're feeling peaceful and stop holding back and others will not take what we say offensive as long as we are balanced.

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■ **Emancipator "Minor Cause" official music video**

17 January 2013

<https://www.youtube.com/watch?v=fULXi348-jl>



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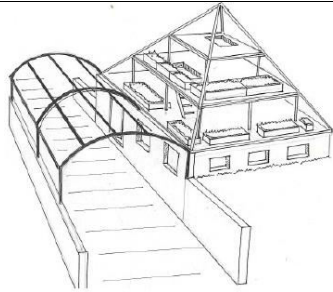


■ **Total eco-system home: the pyramid, by Les Brown**

http://www.electrocultureandmagnetoculture.com/uploads/3/4/1/3/3413602/the_pyramid_1978_book_les_brown.pdf

EDITOR'S NOTE: The author passed away in the 1990's and his work must carry on if humanity is to learn self-sufficiency. It is for the reason that we have become an oxygen-deprived people that we must change how we live and exist on the surface of the ground, or perish from weakness, pollution and chemical intrusions.

Our planet is indivisible. In North America we breathe oxygen generated in the Brazilian rain forest. Acid rain from polluting industries in the American Midwest destroys Canadian forests. Radioactivity from a Soviet nuclear accident compromises the economy and culture of Lapland. The burning of coal in China warms Argentina. Diseases rapidly spread to the farthest reaches of the planet and require a global medical effort to be eradicated.



And, of course, nuclear war imperils everyone. Like it or not, we humans are bound up with our fellows and with the other plants and animals all over the world. Our lives are intertwined. ...

This last incident was the impetus which finally turned my thoughts of conventional greenhouses, already dented by Von Deniken's book, towards pyramidal greenhouses, to be built of wood in exact proportion to the measurements of the Great Pyramid of Cheops at Giza in Egypt. I felt that the pyramids of the world, brooding through the centuries, their intimate secrets there to be seen but as yet unread by blind humanity, tourist attractions at best, were about to play their destined part in the "gods" endeavor to save us from the reesults of our own folly. Humbly enough, I felt that maybe it was to be my part in the universal scheme of things to be the catalyst which would transform theory into fact, change pyramids from one of the wonders of the ancient world to one of the saviors of the modern. ...

In addition to showing you how to build pyramids of all types, this book will also:

1. Explore the source of pyramid energy;
2. Discuss how that energy affects living cells;
3. Look into the use of pyramids in food production;
4. Discuss pyramids and food preservation;
5. Discuss the many different uses of pyramids.
6. How to plan and execute an energizer to enliven any too dormant part of your structure. ...

It is my belief that the pyramid is the answer to current and future food shortages. **Using pyramids, I sincerely believe that I can grow 36 times more and better plants in a given area than any farmer or market gardener can in the same area, using conventional methods. ...**

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■ 5G Kongress - Dr. Almut Paluka - Strahlungskrank - Hintergründe & Möglichkeiten zur Selbsthilfe

1 August 2019

<https://www.youtube.com/watch?v=KQTy5jTapio>

Dr. med.. ALMUT PALUKA – die Medizinerin berichtet aus eigener Erfahrung über die Symptome, die Zellpathologie und Auswirkungen von Elektrosmog auf den menschlichen Organismus und stellt Möglichkeiten zur Selbsthilfe vor. “Strahlungskrank, eine Abwärtsspirale” – Auswirkungen auf den menschlichen Organismus und Möglichkeiten der Selbsthilfe Die Frauenärztin Dr. Almut Paluka berichtet aus eigener Erfahrung über die Auswirkungen elektromagnetischer Felder auf die körperliche und seelische Gesundheit und ihre daraus gewonnenen Erkenntnisse und Möglichkeiten des Umgangs. Die Zuschauer erwarten hilfreiche Tipps im Umgang mit den Strahlenrisiken! Berufliche Laufbahn: Frau Dr. med. Almut Paluka, Jahrgang 1958, 1 Tochter, hat über 20 Jahre Tätigkeit als Frauenärztin in einer Klinik und eigener Praxis in München gearbeitet. Sie war 15 Jahre Leitung „runder Tisch Frauengesundheit“, 10 Jahre Leitung „Lindwurmprojekt für Frauengesundheit“, politische Aktivitäten kommunal und überregional. Nach über 3 Jahren „Totalausfall“ durch einen Burnout, ist sie seither nur begrenzt belastbar. Außerdem übt sie seit 7 Jahren die Seminartätigkeit „sakrale Kunst und Menschwerdung“ in Frankreich in Kooperation aus. Sie ist Gründerin des gemeinnützigen Vereins „Heilung durch Bewusstsein e.V.“. Es folgte die Anmeldung der Wortmarke „CAMIOSanum“, Begründung der „Camiosanum- Akademie für eine neue Heilkunst“ (Kooperation) mit der Seminarreihe „die Kosmologie der Gesundheit“ und die Firmengründung zur Herstellung neuartiger Heilmittel (in Kooperation). Engagement für: Frau Dr. Paluka setzt sich, selbst elektrosensibel, für eine gesunde Lebensführung und eine ganzheitliche Therapie ein. Ein medizinischer Gesundheits-Vortrag mit vielen Praxisbeispielen die “unter die Haut gehen”.

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■ Russia invents self-destroying satellite to solve burgeoning ‘space junk’ problem

https://www.rt.com/news/466218-russia-invents-self-destroying-satellite/?utm_source=Newsletter&utm_medium=Email&utm_campaign=Email

Russia’s Roscosmos space agency has invented a satellite with the ability to destroy itself at the end of its life, offering a solution to the significant

problem of space debris.

The materials used in the satellite means it would “evaporate” when it is no longer useful, preventing it from adding to the increasing volume of defunct man-made objects that are floating around in space. ...

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■ **ONLINE MEDITATION**

Profound healing & protection from EMRS & environmental toxins

- <https://soundcloud.com/ivingsouroul/livingasyoursoulcom-profound-healing-protection-from-emrs-environmental-toxins>

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■ **VISALISE THE WORLD YOU WANT – WITHOUT 5G!**

Olga Sheean: 2020 Vision: How to fuel your future

https://whatis5g.info/5g/2019/01/2020-vision-how-to-fuel-your-future/?fbclid=IwAR3N7utH0ATLDjd5OgLLgE_ZAOsVU3E11mVTefxf5_aP5vHrC1Rm_2H5sPg

<https://olgasheean.com/2020-vision/>

The reality is that we can use our own electromagnetic fields and our higher faculties to put an end to the harmful environmental EMFs, despite what our rational minds might think. We have a choice: we can keep focusing on the problem, or we can focus on a positive solution, promoting our conscious evolution—*beyond the control of the industry and without its permission*. (Sound familiar?)

To help you do this, we have created **2020 VISION**—a global project that enables you to create a higher vision for 2020, using a simple process to promote a new reality.

Here are a few key things to remember when crafting your vision:

1. **State your vision in the present tense**, as if your goal is already a reality.
2. **Declare it with lots of positive feeling, excitement, detail and gleeful anticipation**. The more positive emotion you experience around it, the more powerful and effective it will be.
3. **Keep it simple, positive and focused**. Avoid using any negative words, such as fear or anger. Use their positive counterparts instead, focusing on what you want rather than on what currently is. Be mindful of where you place your energy and emotions, given

their powerful magnetism.

4. **Be grateful for this new reality**, consciously experiencing the joy, relief and jubilation of having actually created it.
5. **Feed your vision every day, keeping it alive in your mind.** Don't let yourself fall back into dread, fear or anxiety. If that happens, reach for your vision and read it out loud to yourself, with lots of energy. Stay committed, reminding yourself that you are neurologically and physiologically designed to create and evolve.
6. **See yourself celebrating in 2020!**

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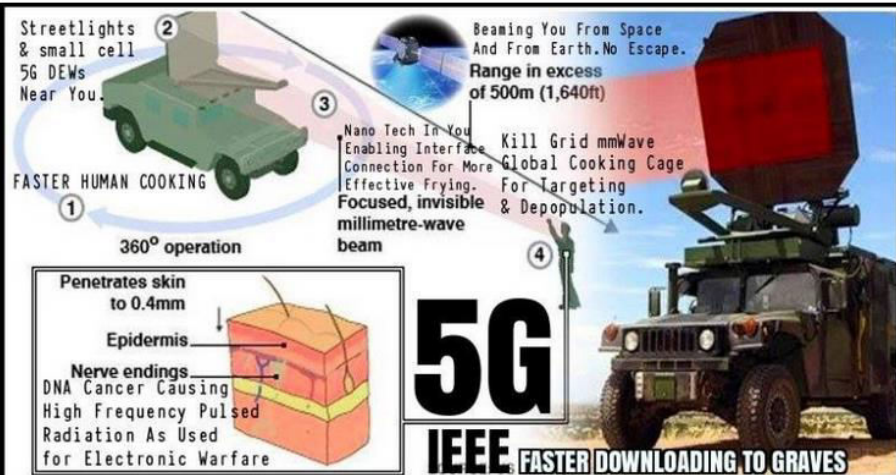
■ Metamorphosis - Darpan - Love Light

28 December 2017

<https://www.youtube.com/watch?v=yn6i0VYTn-g>



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13. FOCUS A: 5G AS A WEAPON

■ 5G As a Military Weapon – Some Evidence

5G WARNING ~ FCC Chair Tom Wheeler's speech supporting 5G

<https://www.youtube.com/watch?v=22QlpjXR6DY>

"Stay out of the way of technological development!"

"Turning innovators loose is far preferable to expecting committees and regulators to define the future. We won't wait for the standards."

(2.12) **"Many of the high-frequency bands that we will make available for 5G currently have** some satellite users, as well as **some defense department applications**, or at least the possibility of future satellite and defense users. This means sharing will be required between satellite and terrestrial wireless, an issue that is especially relevant in the 28 GHz band."

Delos, Peter. "The Way to a New Phased Array Radar Architecture." TechTime: Electronics & Technology News. January 15, 2018. Accessed January 1, 2019. <https://techtimes.com/2018/01/15/analog-devices-phased-array-radar/>. "Although there is a lot of discussion of massive

MIMO and automotive radar, **it should not be forgotten that most of the recent radar development and beamforming R&D has been in the defense industry, and it is now being adapted for commercial applications.** While phased array and beamforming moved from R&D efforts to reality in the 2000s, **a new wave of defense focused arrays are now expected, enabled by industrial technology offering solutions that were previously cost prohibitive."**

June, 1994

Rome Laboratory, **Air Force Materiel Command**, Griffiss Air Force Base, New York

<https://emrefugee.blogspot.com/2014/09/radiofrequencymicrowave-radiation.html>

Conclusion: Exposure to RF/MW radiation is known to have a biological effect on living organisms. ... Adherence to the ANSI Standard [9] should provide protection against harmful thermal effects and **help to minimize** the interaction of EM fields with the biological processes of the human body [9].

Excerpts

- Absorption: It is known that RF/MW radiated energy will be absorbed by the tissue of the human body. The depth of energy penetration into the tissue depends primarily on the wavelength of the incident radiation and the water content of the tissue [3], [6].
- Auditory effects: Individuals exposed to pulsed RF/MW radiation have reported hearing a chirping, clicking or buzzing sound emanating from inside or behind the head.
- Biological effects:
 - Adverse biological effects can occur when the body is subjected to high doses of RF/MW radiation [161].
 - Exposure of living organisms to RF/MW radiation can have a potentially dangerous biological effect. ... Union. East Block countries have set more stringent standards than nations in the West [3], (8), (11), [22].
 - Exposure to higher levels of radiation can cause serious biological effects.
 - Investigators in the Soviet Union and Eastern Europe have placed a great emphasis on the nonthermal effects of biological exposure to RF/MW radiation. They contend that electromagnetic interactions with the bioelectrical and biochemical functions of the body constitute a more serious

health risk than effects from thermal heating. Nonthermal disruptions have been observed to occur at power density levels that are much lower than are necessary to induce thermal effects.

- Blood:
 - Blood circulation can be altered in the affected area and other biological functions could be indirectly affected [12].
 - There is evidence that RF/MW radiation can effect the blood and blood forming systems of animals and humans.
- Body:
 - Depth of energy penetration: Biological materials such as skin are dielectrics that consist mostly of water. Hence, these dielectrics are rich in molecular dipoles and are able to quickly absorb millimeter-wave radiation.
 - Body geometry: The orientation of the human body with respect to the incident EM field will determine the amount of RF/MW energy that is absorbed by the tissue.
 - RF/MW radiated energy is nonuniformly deposited over the whole-body surface.
- Burns:
 - Burns can cause increased vascular permeability. This can lead to significant losses of body fluids and electrolytes.
 - Serious burns can suffer fluid losses for a few days.
- Cancer:
 - In 1962, S. Prausnitz and C. Susskind reported experimental results that showed an increase in cancer among test animals exposed to RF/MW radiation.
 - In 1976, A. A. Kapustin, M. I. Rudnev, G. I. Leonskaia, and G.I. Knobecva (reference found in [17]) reported alterations in the chromosomes of bone marrow cells in laboratory animals that were exposed to RW/MW radiation.
 - Nonthermal effects may provide important clues to the understanding of carcinogenic reactions in the human body [8],[32].
 - Pulsed and CW radiation ranging in frequency from 15 to 2950 MHz and power densities from 7 to 200 mW/cm² have caused abnormalities to occur in chromosomes. ... They concluded that irradiation of tissue by pulsed RF/MW sources causes cell membranes to become more permeable to destructive chemical mutagens [8].

- Cardiovascular effects:
 - Researchers examined 100 patients suffering from radiation sickness. It was found that 71 of the patients had some type of cardiovascular problem.
 - Soviet investigators claim that exposure to low levels of RF/MW radiation that are not sufficient to induce hyperthermia can cause aberrations in the cardiovascular system of the body [7].
 - The WHO investigation found evidence linking exposure of RF/MW radiation to cardiovascular disease and cancer.
- Clothing effects: Figure 6 shows the relationship between clothing thickness and coupling efficiency as a function of frequency. The authors note that wet or damp clothing may actually reduce the amount of energy absorbed by the body because of the Debye relaxation of the water molecules [6].
- Congenital abnormalities: They found gross congenital abnormalities in rodent fetuses that were irradiated by a 2450 MHz RF/MW source at an incident power intensity of 107.4 mW/g [8].
- Eyes:
 - However, minimum exposure levels sufficient to cause ocular damage are not certain [30].
 - In 1970, Zaret, Kaplan and Kay (reference found in [30]) reported a large number of cataracts induced in humans as result of occupational exposure.
 - The researchers concluded that exposure to RF/MW radiation had caused the lens of the eye to age faster than normal [30].
- Heating: wavelengths the perception of warmth may occur at a power density level of about 8.7 mW/cm².
- Neurological effects: It was observed that rabbits exposed to the 5 and 10 uW/cm² power density levels suffered alterations in the electrical activity of the cerebral cortex and disturbances to the conditioned reflex response.
- Neurological effects: observations of laboratory animals subjected to low power EM fields showed alterations in the electrical activity of the cerebral cortex and disruptions in the activity of neurons [17].
- Resonance frequency: The ANSI Standard [9] reports that the human body will absorb 7 times more energy from radiation emitted at the resonance frequency than at a frequency of 2450 MHz [9].

... The free space whole-body resonance frequency is reported to be between 61.8-77 MHz for a Standard Model of Man [91, [22], (25)]. ... When the human body is in contact with the electrical ground, the whole-body resonance frequency is reduced to about 47 MHz [22]. Figure 3 shows the SAR versus the incident EM field frequency for conditions of free space and grounding [22].

- Skin: IR [Ionizing] radiation will not penetrate the outer body surface as deeply as RF/MW radiation emitted at a frequency of 2.45 GHz.
- Symptoms: The symptoms were listed as: hypotension, slower than normal heart rates, an increase in the histamine content of the blood, an increase in the activity of the thyroid gland, disruption of the endocrine-hormonal process, alterations in the sensitivity to smell, headaches, irritability, and increased fatigue.

17 February 1998

Department of The Army, **United States Army Intelligence** and Security Command

Freedom of information/Privacy Office

Bioeffects of Selected Nonlethal Weapons:

<https://www.petermooring.nl/blog/?p=93>

Effects described:

- Microwave heating – Heating the human body to incapacitate a person
- Microwave hearing – Letting a person hear sounds/voices in his head without normal sound
- Neural control – Disrupt normal muscle control, invoke muscle spasms
- Acoustic energy – Pressure sensations, nausea, eye spasms, see the world turning

Laser induced Biological effects:

- Chemical effect
- Thermal effects – The primary mechanism for laser induced injury
- Mechanical or acoutical mechanical effects – Pressure wave can result in explosive tissue injury

The effects of lasers on eyes:

- Dazzling or induced glare
- Flashblinding or loss of night adaptation
- Permanent or semipermanent blinding

Microwave Weapons Expert Barrie Trower: “This is the saddest and most despicable document ever published in history”

https://www.orsaa.org/uploads/6/7/7/7/9/67791943/_us_dia_1976_biological_effects_of_electromagnetic_radiation.pdf?fbclid=IwAR2_Y3DCG4i2IH29tA03JS49bj0_9ab6LzYe5ByGT6WC_CqZdcR_Yhsl-9Lc

Biologic Effects of Electromagnetic Radiation (Radiowaves and Microwaves - Eurasian Communist countries (U) - DST-1910S-074-76

Date of Publication: March 1976

This is a Department of Defense Intelligence Document prepared by the US Army Medical Intelligence and Information Agency and approved by the Directorate for Scientific and Technical Intelligence of the Defense Intelligence Agency.

Page vii:

“If the more advanced nations of the West are strict in the enforcement of stringent exposure standards, there could be unfavorable effects on industrial output and military functions.”

Open content from strategyanalytics.com – military overlap with 5G/satellite expansion

Points to note are highlighted.

► Electronic Warfare and Military Communications Riding the Millimeter-wave

by Asif Anwar | Apr 22, 2016

Electronic Warfare and military communications will continue to be a pivotal resource in-theatre with future architectural designs dictated by factors such as the need to optimise SWaP-C (size, weight, power, cost), changing demands from in-theatre and the ability to make effective use of spectrum which is an increasingly limited resource.

For military communications, the use of millimetre-wave technologies has been driven by satellite communications. Conventional frequencies used

for military satellite communications have traditionally been segmented along UHF, L-band and C-band with X-band frequencies and Ku-band representing the highest frequencies of operation for military satellite communications.

In 2014-2015, Strategy Analytics estimated that these traditional frequency bands accounted for 77% of military satellite terminal communications across the land, air and sea domains. As use across these frequencies has increased over the past 20 years, the available spectrum has shrunk and the resulting cost of military satellite communications has increased in line with increasing capacity constraints. As a result, defense departments have increasingly relied on leasing or sharing commercial spectrum to keep up with the demand for connectivity.

The demand for spectrum continued to increase especially in asymmetric theatres where intelligence enable through ISR missions enabled using UAS platforms also rose, driving additional demand for BLOS datalinks. Consequently, military satellite communications have had to use expensive high functionality solutions over X-band as well as Ku-band.

Millimeter-wave frequencies at Ka-band started to underpin usage providing another avenue to meet the demand for military satellite connectivity, bringing a number of benefits including:

- Higher upload and download data rates
- Better spectral efficiencies
- Less congestion in the spectrum band
- Lower bandwidth costs for the user

This focus on millimetre-wave frequencies will increase over the next ten years with Ka-band forecast to account for almost 30% of the military satellite communications by 2024.

However, the move to Ka-band will not translate into a move away from existing infrastructure so future military satellite terminals will increasingly focus on being able to support multiple bands, usually by having interchangeable BUCs [block-up convertor] and LNBs [low noise block] [both of these devices BUC and LNB are used in VSAT transmission systems for relaying voice/data via satellite to larger portion of the earth] to

allow the user to take advantage of the respective satellite signal frequency available at a given location. This will translate into multi-band terminals that house multiple RF chains designed to handle the respective signals. At the same time, the emphasis on enabling the warfighter to have COTM *[communications-on-the-move]* capabilities will maintain pressures to have systems that support portability in terms of both size and power consumption.

This has already translated into moves by companies such as Advantech Wireless towards GaAs-based solutions, and this is now being supplemented by trends towards GaN-based SSPB/BUC [\[https://www.rfwireless-world.com/Terminology/Difference-between-GaN-and-GaAs-Power-Amplifiers.html\]](https://www.rfwireless-world.com/Terminology/Difference-between-GaN-and-GaAs-Power-Amplifiers.html) products that enable higher power, wider bandwidth and higher frequency performance while also allowing terminal sizes to shrink. Moving forwards, it is conceivable that the capabilities of GaN-based RF will enable wideband solutions to cover a range of frequencies without compromising on performance and thus enable satellite communication terminals to shrink even further.

Of course, as millimetre-wave frequency use at Ka-band becomes more prolific (especially as the commercial market also looks to take advantage), congestion in this spectrum will also increase. We can expect moves towards higher frequencies to be initiated with Q- and V-bands *[these are higher mmwaves]* being the next primary targets for consideration. Northrop Grumman introduced the Q-band APN167 GaN MMIC in 2012 offering 3.5W of output power and 20 dB of linear gain for the military SatCom sector, as well as other applications.

The need for wideband performance across the spectrum including millimetre-wave frequencies is a core requirement for electronic warfare. US senators recently introduced the Electronic Warfare Enhancement Act *[**see note at end]* to refocus US EW efforts, finally recognizing the fact that the ability to control and make effective use of spectrum is essential to enable operations in a spectrum environment that is increasingly congested and contested.

Traditionally, the role of the EW system has been segmented with the Electronic Attack (EA) or Electronic Warfare Support (EWS) system designed to monitor, protect and mitigate specific RF operations, e.g.

communications or radar. With communications jamming and COMINT/DF requirements typically not extending beyond S-band, while radar jammers could be required to go as high as Ka-band if designed to disable missile threats that featured radar seekers.

Trends driving spending on the Electronic Warfare (EW) sector will be underpinned by the need to control an ever increasing complex spectrum environment, countering modern frequency agile radar systems and network-based IP-centric communications in conventional symmetric warfare scenarios, as well as combatting asymmetric threats from improvised explosive devices. In both cases, the frequencies that need to be combatted are expanding and in the case of radar systems, the frequency agility will negate the traditional use of threat libraries, so future systems will need to employ flexible wideband materials that can enable cognitive analysis of the threat environment to effectively control the electromagnetic spectrum.

RF-based Electronic Attack (EA) system design for applications such as radar, communications and RCIED (radio controlled improvised explosive device) jamming see an increasing emphasis towards systems that can support multi-band and/or wideband operation to combat the increasingly complex spectrum environment. While the need for high power RF transmitters for applications such as long-range jamming will mean vacuum tube-based solutions will continue to dominate, programs such as the US-based Next Generation Jammer (NGJ) and Surface Electronic Warfare Improvement Program (SEWIP) will point to a future direction of architectural design that will be underpinned by AESAs and leverage the advantages of wideband materials such as GaN and digital RF memory (DRFM) capabilities.

For RF-based EWS systems such as RWRs (Radar Warning Receivers), DF/COMINT (Direction Finding and Communications Intelligence) and ESM/ELINT (Electronic Support Measures and Electronic Signals Intelligence) this will be underpinned by an emphasis on direct and fast digital synthesis of the RF signals across the full breadth of the frequency spectrum, effectively digitizing the RF as close to the antenna signal as possible. This will drive demand for wideband solid state RF component technologies that can be coupled with higher performing wider bandwidth digital receivers.

Strategy Analytics will be in San Francisco where we will host our annual analyst event at IMS 2016 to share more insights into how **the next generation of military (as well as commercial) systems will “ride the millimeter-wave”**. Before that, we'll be attending the AOC Electronic Warfare Europe 2016 conference taking place on May 10-12 in Rotterdam, The Netherlands, where I look forward to discussing the challenges that will shape the future outlook for electronic warfare markets.

|

► **RF and Millimeter-wave Technologies Underpinning Smart Weapons Sector Growth**

by Asif Anwar | Jun 21, 2016

Strategy Analytics forecasts the global Smart Weapons (SW) market will grow to over \$41.8 billion in 2025, representing a CAGR of 3.7%. A renewed emphasis on advancing Smart Weapon capabilities to counter evolving threats such as A2/AD (anti-access Area Denial) envelopes, combined with on-going demand from asymmetric wars and continued force modernizations in emerging countries is driving spending across the full range of Smart Weapons. The Strategy Analytics Advanced Defense Systems (ADS) service series of Smart Weapon (SW) forecasts, outline global defense expenditure trends segmented on a regional basis before breaking out the expected spend on Smart Weapons incorporating subsystems, hardware, support and related services across the land, air and naval domains.

- **The squeeze on military budgets particularly in the Western countries as well as technology advances are translating to adoption of fewer but more capable new Smart Weapon platforms across domains.**
- The total number of Smart Weapon shipments is forecast to grow at a CAGR of 3.5% through 2025 to reach 162,943 units.
- The associated market for Smart Weapon subsystems such as navigation and guidance, target seekers, datalinks, fuzes etc. will grow from \$9.3 billion in 2015 to \$13.4 billion...

... **RF and millimeterwave technologies underpin a range of Smart Weapon subsystems** enabling navigation and guidance, fuzing, target seekers and this will support a number of the key trends driving towards

enhanced capability platforms over the next ten years. These include advances in datalinks, guidance and multi-mode target seeking systems enabling networked and automated missiles. With BLOS (Beyond line of sight) datalinks, **MMW (Milimeterwave) radar target seeker**, digital processors and advanced target recognition algorithms, missiles are increasingly able to communicate among themselves, change course with the position of a shifting target and reassign themselves to new targets.

The Navigation and Guidance System (NGS) subsystem on smart weapons guides the projectile throughout its flight course to the target area. RF-based systems include the use of GPS, which provide precise and cost-effective NGS without the need for pre-recorded information (unlike Terrain Referenced Navigation (TRN) systems). However, the propensity for enemy interference/jamming, and limited performance in tunnels/restricted areas means that GPS-based guidance is often used in conjunction with other NGS systems.

However, it is radar-based systems that represent the largest use of RF/MMW-based technologies in the NGS subsystem. Most SAMs (surface to air missiles) and long range SSMs (surface to surface missiles including both ballistic and cruise missile including anti-ship missiles) use radar as the primary means of guidance; collectively radar-based SWs represent the second largest segment of the SW market. Radar guidance can be either Active or semi-active. In active radar guidance the missile contains a radar transceiver whereas in semi-active radar guidance the missile uses only a receiver to find and track the target.

- Semi-active radar guidance enables “fire and forget” capability as the missile works autonomously during the terminal phase.
- Using an active radar transmitter as the target seeker means the launch platform does not need to guide the missile anymore and is free to conduct other maneuvers.

A Target Seeker (TS) subsystem, also sometimes known as a Terminal Seeker, is normally found in medium to long range missiles, and used in combination with the NGS, for better identification and striking of the target using Active Radar (MMW), Laser, IR/IIR (Infrared/Inverse Infrared) and Acoustic/magnetic seeker technologies. Radar-based target seeker subsystems account for almost 50 percent of the target seeker subsystem

market for smart weapons.

Moving forwards, **directed energy weapons (DEW) will fundamentally change how future battles are fought while also providing significant savings on expensive conventional munitions, particularly in the air and missile defence (AMD) role.**

There are simultaneous developments going on around electromagnetic pulsed weapons and high power microwave (HPM) payloads, as well as Laser weapons systems. Strategy Analytics predicts that these weapons will begin to be part of an advanced military's arsenal over the next ten years. We however envisage that introduction of such disruptive weapons will require fundamental adaptations in organization, training, concepts of operation and doctrine across all domains of the armed forces, resulting in a slower initial uptake of the systems and maintaining the current demand for RF and millimeter-wave technologies across navigation and guidance and terminal seeker applications.

► **What can 5G learn from the Military Communications Market?** (Excerpts)

by Asif Anwar | Jan 22, 2018 <https://www.strategyanalytics.com/strategy-analytics/news/strategy-analytics-press-releases/strategy-analytics-press-release/2018/01/22/what-can-5g-learn-from-the-military-communications-market - commentsWidget> **A range of crossover technologies will become common across both commercial and military communications networks and devices**

Boston, MA - January 22, 2018 - Software defined architecture, solid-state technology, radio-satellite communications-wireless network integration as well as communicating voice and data/video simultaneously and securely in an increasingly complex spectrum environment will underpin growth for military communications systems and the associated component and semiconductor demand. The Strategy Analytics Advanced Defense Systems (ADS) service report, "Military Communications Market Outlook 2016 - 2026," forecasts spending on global military communications systems and services will grow to over \$36.7 billion in 2026, a compound annual growth rate of 3.5%.

Military communications operate under an umbrella of heterogeneous

networks that enable the provision of interoperable voice, video and data services across a global environment, segmented according to security policies, transmission requirements and the individual needs of the end user. **In terms of the networked battlespace**, this can be summarized as:

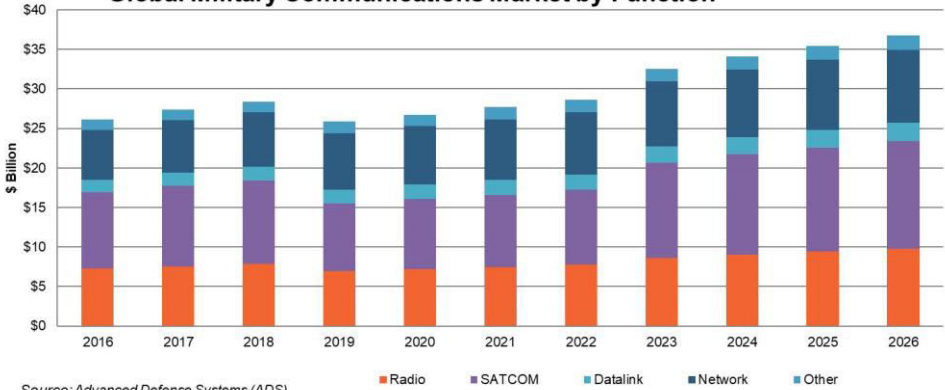
- Upper level networking, consisting of infrastructure and networking components;
- Mid-level networking providing high capacity backhaul;
- Support to the tactical edge for end-users and sensors

“In a similar fashion, **5G serves as an aggregator technology that will encompass a range of network types and technologies to serve both traditional voice, video and data requirements to the end-user**, as well as opening up capabilities to enable connectivity across devices including vehicles, machines, sensors and devices,” notes **Eric Higham, North American Director for ADS** [*Advanced Defense Systems*].

Phased arrays, beam forming, millimeter-wave frequencies, satellite communications, Gallium Nitride, duplex communications and shared spectrum access are amongst the crossover technologies that will become common across both commercial and military communications.

****Note:** EM weapons bill 2016 ([full pdf](#) at congress.gov) includes “progress on increasing innovative electromagnetic spectrum warfighting methods”. There is no specific mention of satellites or mmwaves; a committee was tasked with creating a strategy.

Global Military Communications Market by Function



The underlying numerical data is available in the **Global Communications Market Forecast: 2016 - 2026** (<https://www.strategyanalytics.com/access-services/components/defense/market-data/report-detail/global-military-communications-market-forecast-2016---2026>) forecast data model that looks at the total military communications sector comprising radio and satellite terminals systems, as well as networks, datalinks and other communications systems. The report also details the resultant demand for semiconductor components, based on an assessment of market and technology trends. Supporting data models that focus on the military radio and satellite terminal sectors to complete this suite of information are:

- **Global Radio Market and Technology Forecast: 2016 - 2026** (<https://www.strategyanalytics.com/access-services/components/defense/market-data/report-detail/global-military-radio-market-and-technology-forecast-2016---2026>)
- **Land Radio Market and Technology Forecast: 2016 - 2026** (<https://www.strategyanalytics.com/access-services/components/defense/market-data/report-detail/land-military-radio-market-and-technology-forecast-2016---2026>)
- **Airborne Radio Market and Technology Forecast: 2016 - 2026** (<https://www.strategyanalytics.com/access-services/components/defense/market-data/report-detail/airborne-military-radio-market-and-technology-forecast-2016---2026>)

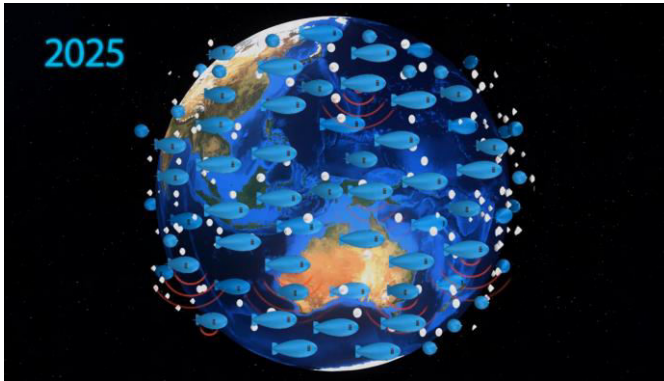
[services/components/defense/market-data/report-detail/airborne-military-radio-market-and-technology-forecast-2016---2026](https://www.strategyanalytics.com/access-services/components/defense/market-data/report-detail/airborne-military-radio-market-and-technology-forecast-2016---2026))

- **Shipborne Radio Market and Technology Forecast: 2016 - 2026** (<https://www.strategyanalytics.com/access-services/components/defense/market-data/report-detail/shipborne-military-radio-market-and-technology-forecast-2016---2026>)
- **Global Satellite Terminals Market and Technology Forecast: 2016 - 2026** (<https://www.strategyanalytics.com/access-services/components/defense/market-data/report-detail/global-military-satellite-terminal-market-and-technology-forecast-2016---2026>)
- **Land Satellite Terminals Market and Technology Forecast: 2016 - 2026** (<https://www.strategyanalytics.com/access-services/components/defense/market-data/report-detail/land-military-satellite-terminal-market-and-technology-forecast-2016---2026>)
- **Airborne Satellite Terminals Market and Technology Forecast: 2016 - 2026** (<https://www.strategyanalytics.com/access-services/components/defense/market-data/report-detail/airborne-military-radio-market-and-technology-forecast-2016---2026>)
- **Shipborne Satellite Terminals Market and Technology Forecast: 2016 - 2026** (<https://www.strategyanalytics.com/access-services/components/defense/market-data/report-detail/shipborne-military-radio-market-and-technology-forecast-2016---2026>)

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12. FOCUS B: UNMANNED AERIAL VEHICLES



■ High-altitude Pseudosatellites, the future of Earth observation? – HAPS

28 May 2019

<https://satelliteobservation.net/2019/05/28/high-altitude-pseudosatellites-the-future-of-earth-observation/>

For all the improvements in spatial and spectral resolution, agility and accuracy, satellites suffer from one serious drawback: they have to follow the laws of orbital mechanics and keep moving around the Earth. This means they cannot hang around an interesting location, to keep a persistent watch on it, except if they are in geostationary orbit.

However, geostationary orbit is so far from the Earth that to get any kind of reasonable resolution (say 1m), huge mirrors are required (20m for a 1m resolution), making this an unworkable proposition in the near term for optical surveillance.

Alternatives exist, in the form of large constellations that always have at least one satellite over the area of interest. This requires on the order of a hundred of satellites: for instance, the Oneweb communication constellation will use around 600 satellites to provide continuous connectivity. So it's a significant investment which pays off only when the full constellation is deployed, and you get persistent coverage almost all over the globe. Before that, there will not be enough satellites to provide continuous coverage at any location.

This means that **these kind of systems only make sense if your customers are all over the globe**, which is the case of Oneweb, or if you are interested in looking at many places also spread out all over the world, which is the case for imagery providers such as Blacksky or for the US government for instance.

For other actors with more limited finances and more regional interests, financing a whole constellation does not make sense, it is better to buy access to the data corresponding to the region of interest. However, this might not be possible, either for national independence reasons, or because the commercial market does not offer the right kind of capabilities. For those use cases, there is no good solution to get cheap, tailored and persistent coverage. The closest thing one can get is to fly long-endurance planes with the required payloads. For instance, the USA uses the Global Hawk high-altitude drone for imagery collection, signal intelligence and maritime surveillance. This requires operating at least 3 drones to keep only one on-station, making for a poor productivity.

The rise of HAPS

But things are about to change. Many companies are developing unmanned aerial platforms able to stay on station for month at a time. They are referred to as **High Altitude Pseudo Satellites, or HAPS**, and can take two forms: **solar planes** and **balloons**.

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■ **Zephyr, pioneering the stratosphere**

13 December 2018

<https://www.youtube.com/watch?v=aSPn1Rqr9jg>

From launching production in the UK and our flight centre in

Australia to a successful maiden flight in the USA, Zephyr has proven it's the leading solar electric, stratospheric, UAV.



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■ **Des drones 5G géants dans le ciel de Maui (Hawaï) / Giant 5G Drones in Maui Skies?**

20 August 2019

<https://www.youtube.com/watch?v=HubakltBxE&feature=share>

Pour activer les sous-titres en français, cliquez sur l'icône Sous-titres juste à côté de l'icône Paramètres représentée par une roue dentée (en bas à droite).

[Dr Debra Greene](#)

Published on Aug 20, 2019

<http://www.KeepYourPower.org> **Sign the Petition to Stop Giant 5G Drones**. This is a global issue. Anyone can sign.

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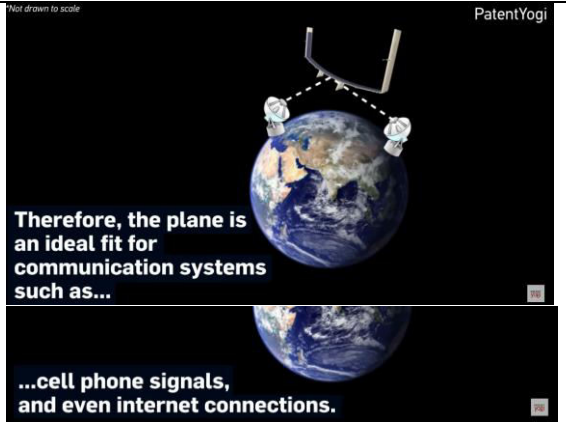
- **Boeing patents first solar powered plane that can fly forever. It can replace costly satellites**

9 June 2016

<https://www.youtube.com/watch?v=5Evuxt927Y>

This plane stays aloft powered solely by sunlight. It is no more than a flying wing, and can maneuver without rudders, ailerons, tails, or other control surfaces. It flies without an onboard human pilot, but instead is controlled remotely from a ground station.

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■ HAPS コンセプトビデオ

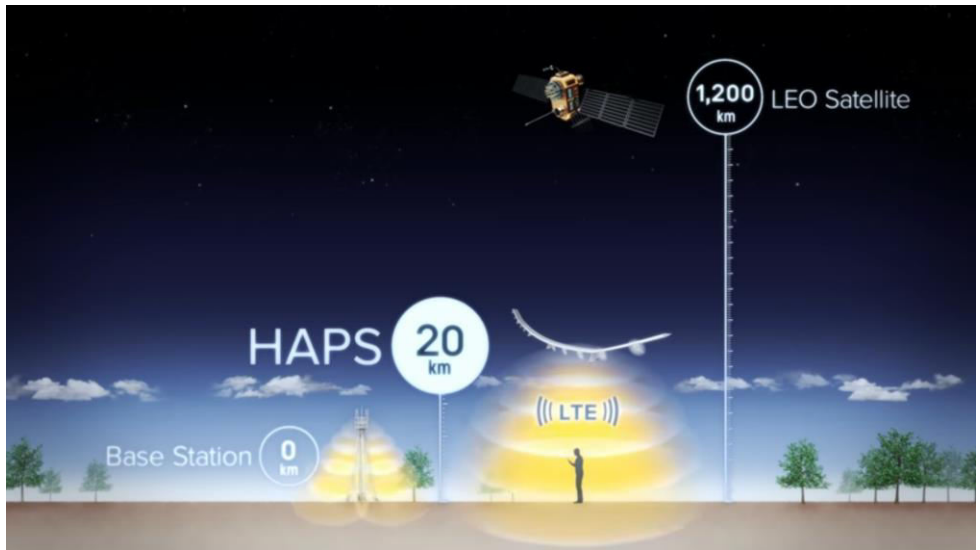
25 April 2019

<https://www.youtube.com/watch?v=cYX5tYJor5I>

■ HAPS Concept Video

<https://www.youtube.com/watch?v=G-LGG-6yNDQ>

Softbank's HAPS system.

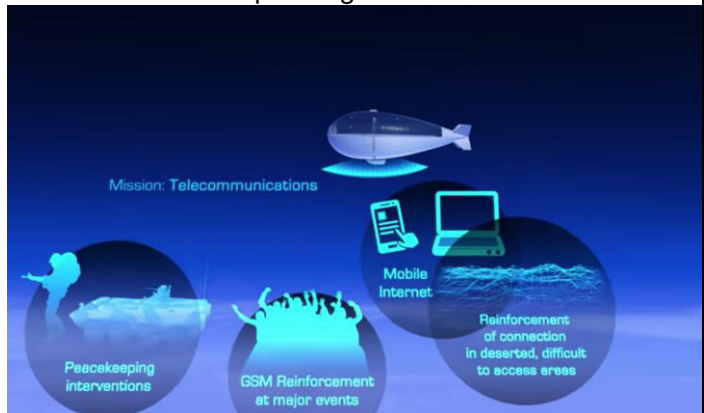


■ Stratobus: halfway between a drone and a satellite

28 April 2016

https://www.youtube.com/watch?time_continue=304&v=nvmkendJI2Y

Stratobus is a stationary stratospheric **airship**, offering autonomous operation and suited to multiple missions. It measures 100 meters long with a maximum diameter of 33 meters (328 x 108 ft), and weighs less than 5 metric tons. Designed to operate at an altitude of 20 kilometers (about 66,000 ft), above the jet stream and air traffic, StratoBus can carry a payload of up to 250 kg (550 lb), with 5 kilowatts of onboard power. Stratobus doesn't need a launch vehicle to reach "orbit". It takes just four hours to reach the stratosphere, and about the same to come back down. Its operating economics make it a real "low-cost" product, extremely competitive for regional civil or military applications, including telecommunications, navigation, observation (especially surveillance), etc. The program is led by Thales Alenia Space as prime contractor.



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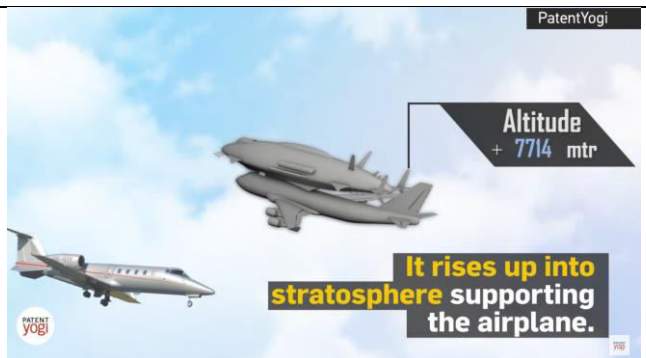
■ Stratosphere airplane from Airbus

8 March 2015

<https://www.youtube.com/watch?v=vdCw1DO Rz6A>

Airbus has invented a support vehicle for a high-altitude airplane, particularly for

stratosphere airplanes. Climbing upto the height of stratosphere is very difficult for aiplanes. The plane needs greatest engine power for this ascent. This new invention from Airbus structurally and functionally optimizes the operation of a high-altitude airplane both during its ascent into the stratosphere and during its operation in the stratosphere. The support vehicle is arranged beneath the airplane allowing it to separte



from the high altitude airplane based on the force of gravity. It can rise up into stratosphere supporting the airplane to travel up to such height. Patent details available here - <http://patentyogi.com/wthmg>.

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■ Google patented Project Loon

8 March 2015

https://www.youtube.com/watch?v=jjSV_UAaO4I

Project Loon from Google is a global network of high-altitude balloons to



connect people in rural and remote areas who have no Internet access at all. The balloons provide LTE connectivity, which literally makes them floating cell towers in the sky. The balloons in the balloon network communicate with one another via optical communications using LEDs and Lasers. They can also communicate via radio frequency links with ground stations. The communication helps them coordinate for efficient operation. The balloons travel approximately 20 km above the Earth's surface in the stratosphere. Winds in the stratosphere are stratified, and each layer of wind varies in speed and direction. By moving with the wind, the balloons can be arranged to form large communications network. Software algorithms determine where the balloons need to go, then altitude of the balloons is varied to move each one into a layer of wind blowing in the right direction. Patented Methods - The patent shows various ways Google plans to control altitudes of the balloons. First patented method - To decrease the altitude, gas in the envelope is pumped out into a high-pressure storage chamber. The gas is moved into the envelope to increase the altitude. Second patented method - Balloon runs a fuel cell in reverse to generate hydrogen gas, which is moved into the envelope to increase buoyancy and altitude. The hydrogen is pumped back to produce power via the chemical reaction of hydrogen and oxygen to produce water. Third patented method - A portion of the envelope is painted black. To increase altitude, rotating the balloon is rotated such that

black portion faces the sun, black absorbs heat which warms up the gas inside the envelope. Google expects Project loon to rake in \$10 billion dollars every year. The company aims to tap the market of 4.5 billion people who have no access to internet. Patent Information: US 8,967,533 Title - Balloon power sources with a buoyancy trade-off.

Excerpt from script: The balloons communicate with one another via optical communications using LEDs and lasers. They can also communicate via radiofrequency links with ground stations.

[Disclaimer: This video is included for educational purposes only. Its inclusion implies no endorsement by Stop 5G News.]

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15. 5G FAKE NEWS: 5G PROPAGANDA FROM TELCOS, GOVERNMENTS AND SO-CALLED AUTHORITIES

Ed. We have the telcos and their mafia on the run. They thought they could roll out 5G without anyone realising. Now we are seeing public admissions from telcos that the opposition is well informed and well organised. And so they are having to censor social media, delete accounts, and publish their own pro-5G fake news. Let's take a look at how fake news about 5G is propagated by the mainstream media and others and how they use language to hide the truth. Let's look at the credentials of these people and nail their lies. *Stop 5G News* invites readers to take the purveyors of these lies - in particular those holding public office - to court and hold them accountable for their blatant criminality.

- ***The Guardian: How baseless fears over 5G rollout created a health scare by Alex Hern***

26 July 2019

<https://www.theguardian.com/technology/2019/jul/26/how-baseless-fears-over-5g-rollout-created-a-health-scare>

... So as Britain's carriers lined up to launch their 5G networks this summer, they were expecting some resistance. Fears over the health effects of mobile telephony are widespread, ranging from fairly limited concerns about potential long-term risks of living or growing up in close proximity to masts, to claims of full-blown "electromagnetic sensitivity", which supposedly manifests as a plethora of symptoms from headaches to immunodeficiencies.

But what greeted them wasn't just the same collection of alternative medicine proponents and anti-infrastructure nimbys who reliably oppose

every new launch.

“Were we surprised by the existence of opposition? No,” says EE’s head of technology communications, Howard Jones. “Were we surprised by the scale, and the organised nature of it? Yes ... **It’s alarmist, very sensationalist and designed to scare.**”

Jones is firm: there is absolutely no evidence that 5G, or any other part of the network, is dangerous. “The wavelengths that 5G uses and will use **are all entirely safe** and have been in research and testing for decades. It’s a red herring to say it’s a new technology and therefore **hasn’t been tested,**” he says. ...

To fully debunk the health fears around 5G is impossible: there is no consistent set of claims being made, few explicit studies being cited, and a surfeit of scientific terminology being used in ways that obscure rather than illuminate. Not a single expert **the Guardian spoke to** believed there was any reliable evidence of harm from 5G or any other part of the publicly licensed broadcast spectrum. And the carriers are emphatic that, in the words of Three UK, “from a health and safety perspective, 5G deployment is no different to any other mobile technology ... **no harmful levels of radiation are emitted.**”

But there are themes that recur again and again.

At the far end of the range is belief that the 5G rollout is a vast **mind control experiment**, a successor to **the CIA’s MKUltra experiments**. There is the fear that 5G will result in a **great increase in the number of masts**, or the amount of energy sent over the radio spectrum, in a way that will prove harmful. There is a more general concern about the nature of “**millimetre wave**” **technology**, which forms part of the 5G spectrum in some nations (although not, at present, the UK).

There’s a belief that the technology is untested, and that the subsequent rollout is in effect an experiment on the population at large. And then there’s a generalised frustration at the fact that the whole thing feels like a *fait accompli*, presented to the public as an unstoppable force of nature, rather than a consultative process of negotiation.

If there were a negotiation, sitting on the side of the opposition would be Martin Pall. A retired professor from Washington State University, **Pall’s research interests** are practically an encyclopaedia of the medical counterculture, ranging from a novel take on the causes of chronic fatigue syndrome, tinnitus and heart failure to research on the risks of wifi, tanning salons and other emitters of electromagnetic fields.

In a 90-page **self-published document posted online** last May, Pall gave the rallying cry for the 5G opposition: “Putting in tens of millions of 5G

antennas without a single biological test of safety has got to be about the stupidest idea anyone has had in the history of the world,” he wrote. That line has been widely quoted, everywhere [from the r/conspiracy subreddit](#) to the House of Commons, where [Antoniazzi approvingly quoted](#) Pall to accuse the government of “sweeping the health concerns under the carpet”.

“The extremely inaccurate statements being made by certain MPs was disappointing,” Jones said when I spoke to him after Antoniazzi’s comments. “I think you would expect better from people representing constituents. I would expect a higher standard of research to have been done.”

But the problem with calling for research is that it’s very easy to research 5G’s effects on health. Just Google “is 5G bad for health” and you’ll find numerous articles confirming just that: “Why 5G cell towers are more dangerous – get the facts!”, reads a headline on RadiationHealthRisks.com, on the first page of Google results. Just above that, an Eluxe Magazine article (“Frightening frequencies: the dangers of 5G”) presents a list of cherry-picked studies demonstrating various harms from various types of radio waves.

But **these fears are decades old**. So why the specific panic about 5G? Everyone has a different answer. Scott Petty, Vodafone’s chief technology officer, says that some of the misinformation stems from the US, where a particular form of 5G using a part of the radio spectrum known as millimetre wave or mmWave technology will be put into use.

It hasn’t been used in mobile phone networks before, largely because it’s not particularly good at the job: as a high-frequency part of the spectrum, it’s more easily blocked by things like trees or glass. When there’s clear line of sight, it can carry more information than the parts of the spectrum now used for mobile phones, but not enough to make it worth the trade-off for Vodafone, Petty says.

The use of mmWave has allowed some scary inferences to be drawn. The spectrum has previously been used for two other well-reported purposes: the **body-scanners installed in airports over the last decade**, and an experimental US weapon called the **Active Denial System**, which fires a high-powered beam at a target, creating a burning sensation.

It’s easy to see how that link can be spun into something fearful. But **5G is no more a weapon of war than a wifi router is a microwave oven** – even though both those products use the same part of the spectrum, around the 2.4Ghz mark.

The same flaws of mmWave that mean it’s not being used in the UK have

led to another line of concern: that in order to get around the problems, **carriers will massively increase the number of masts they install**. “That would be true if we only used mmWave,” Petty says, “but no one is planning that. We will use approximately the same number as we already use for 2, 3 and 4G.”

And then there’s more half-science. “The higher the frequency, the more dangerous the spectrum” is, broadly, true: all ionising radiation lies at the extremely high frequencies. But between x-rays and mmWave lies quite a large part of the spectrum that people interact with all the time: **visible light**.

It’s easy for the British industry to dismiss concerns by pointing to mistakes about mmWave technology, but perhaps shortsighted, writes Peter Wingate-Saul, a chartered surveyor who has worked in the telecoms industry for more than 20 years. After all, “you probably will be using them sooner or later”, so it’s worth avoiding “the impression that there might be something suspect about them”.

EE’s Jones has a bolder answer to why 5G misinformation is so widespread, citing a New York Times article that highlighted how popular scary stories about the technology had become on Russia Today. The paper **noted that the American version of the channel** had run seven documentaries alleging 5G harms in 2019 alone, and argued that the move was part of an effort to hold the US back on rollout of the technology. Russia itself lags behind the pack but hopes to catch up.

“It is in and of itself a conspiracy theory, and yet there are points at which it appears quite credible,” Jones says **with a chuckle**. “It’s an interesting take – that plays into the idea that **it is more concerted than we have seen before**.”

Then there’s the technology effect. In recent years, a number of algorithm changes at Facebook have served to push users away from news and into private groups, where, as the chief executive, Mark Zuckerberg, **wrote earlier this year**, they have “the freedom to be themselves and connect more naturally”.

But those groups frequently serve to amplify misinformation, by concentrating like-minded people together and excluding any potential corrective viewpoint. And so, if you search for 5G on Facebook, the suggested groups have a theme: “Halt 5G in the South West”, “5G-MASS ACTION CAMPAIGN GROUP” and “5G - The Facts” – illustrated with an image reading “5G: Fried brains, anyone?”

Facebook has taken action against some kinds of medical misinformation on its site, acting to crack down on the more directly harmful spread of

scaremongering over vaccines, but it is clear that the site's very structure supports the spread of these concerns.

"The media landscape is now more suited to this kind of news," Jones says. "There is a **growing scepticism of the mainstream media**, there is the rise of the so-called "independents", and there is a **lack of any real quality control**. The **viral nature of alarmist, extreme viewpoints is easier to catalyse than ever before**. And the overall effect when there's a lack of trust from authority is that people will seek out other sources."

But Wingate-Saul has a simpler proposition. The No 1 reason for objecting to base stations, he wrote in a presentation last month, is simply that "we were not even consulted".

"If people are upset, they will perceive a thing as more dangerous ... if people perceive a thing as dangerous, they will become upset," Wingate-Saul added. "**Once people are upset, they become resistant to reason**. Simply 'explaining the data' is not going to work. We are all immune to information we don't want to learn."

So Wingate-Saul's advice to those seeking to avoid the fear is simpler. Engage with communities earlier, explain the technology and its constraints in simple non-technical terms, and "pay close attention to aesthetic design and symmetry". If mobile phone masts are nicer, fewer people will be enraged by them, turn to the internet, and convince themselves they're dangerous.

But it's probably too late for that to save the reputation of 5G. The rollout is progressing at full speed, and many more sites will be upgraded or installed over the coming months, creating more frustrated residents, and perpetuating the cycle further. Eventually, some will forget and move on, with just a nagging feeling that they ought to be concerned. Others will remain dedicated, until another spark ignites the movement again.

Based on historical trends, we can expect to see 6G launched in the mid-to late 2020s, using a still higher part of the spectrum. And based on those same trends, we can expect opposition.

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■ **Radio 2 discusses
electrohypersensitivity: Jeremy
Vine: Exam Results and 5G
(from 1 hour 35)**

4 August 2019

https://www.bbc.co.uk/sounds/play/m0007ggk?fbclid=IwAR28cvlMbpKxKtiHhoAl3WuPdSF6-r4nUEoBnNKhVY_sEHPkCC5i1WFle8

Dear Mr Vine

**Your programme on
electrohypersensitivity, 14 August 2019**

It is deeply insulting to the approximately 3 per cent of the world's population who suffer from electrohypersensitivity to host a programme claiming to discuss the subject when you have done no homework whatsoever to inform yourself. I can only conclude that the BBC delegated this topic to you to discuss in order to use you as a "useful idiot" to propagate more propaganda about 5G. I am informed that the BBC has close ties to the telecommunications industry so, instead of serving the licence-fee-payers, they are involved in what is nicely called "a conflict of interest" or what I would plainly call "corruption".

I am doubtless wasting my time writing to you, but let me give you some facts on this topic. You have a moral responsibility, when the whole nation, indeed every nation and the whole planet is at risk from the catastrophic consequences of 5G, to inform yourself. You may also wish to do so in order to protect your own health and that of your own family and loved ones, as well as the environment upon which you depend for your well-being.

"Electrohypersensitivity" (EHS) is a political term, used to protect the telecoms industry. In reality, people's health is sacrificed for the profit of that industry, while they are exposed to non-ionising radiation, which is in fact an environmental toxin that is damaging the health of the entire population (see *The International Appeal to Stop 5G on Earth and in Space* for the vast list of injuries: <https://www.5gspaceappeal.org/>),. So-called EHS people are just the canaries in the coalmine, who for unknown reasons exhibit the most severe symptoms of poisoning earlier than other people. Exposure to electromagnetic radiation causes them to suffer severe torture, and injures them to the point of blindness, heart attacks and death (I don't mention all the other injuries - see attached document by Professor Emeritus Martin Pall). In addition, Sweden is the only country in the world that recognises electrohypersensitivity as a functional



impairment and accordingly provides protection and support for those under attack from the telecoms industry.

As you are clearly not a political animal (had you been, the BBC would not have entrusted you with misrepresenting this topic), you paid no attention to the little word "conclusive" in what physicist Malcolm Sperrin said: "Nothing so far has *conclusively* proved that there is a link". The key here is the word "conclusively". The EMF Portal, which is hosted by the University of Aachen, houses over 28,000 studies on the effects of electromagnetic radiation (<https://www.emf-portal.org/en>). What we are told in propaganda pieces such as yours is that this overwhelming evidence is not "solid", "conclusive", "convincing" or "real ". I find it entirely solid, convincing, conclusive and real, especially since I know personally a number of people who are severely electrohypersensitive and they have described the torture they suffer to me. One friend I have spent a great of time with has described to me in detail her symptoms at the time she was experiencing them, and this on numerous occasions in different places, and she has pointed out the telecoms and "smart" meter infrastructure inflicting them.

Your Mr. Sperrin goes on to bring out the tired cliché (there appears to be a song sheet handed out to these propagandists) that "We have been surrounded by electromagnetic fields for millions of years and, as far as we know, there has been no proven health detriment". What he does not reveal is that we are already, before the rollout of 5G, one quintillion times (1,000,000,000,000,000,000) above natural background radiation, and this only since about the 1950s. You really should ask Mr. Sperrin how much he is paid by the telecoms industry for spouting this propaganda.

Added to which, natural background radiation is neither pulsed nor modulated, as EMFs from mobile phones are. Even the corrupt club called ICNIRP, whose so-called safety guidelines are illegally endorsed by the UN's (corrupt) World Health Organization (https://www.emfoff.com/cover-up/?fbclid=IwAR0x-VNP6A4UTpCgwasEISJOG_GyuswK3vED7piTY4RWDmAFPq-rIDwNckE) and (corrupt) International telecommunication Union, admits in its 1998 guidelines (whose "science", we notice, dates from even before the advent of any mobile phones whatsoever), that "Compared with continuous-wave (CW) radiation, pulsed microwave fields with the same average rate of energy deposition in tissues are *generally more effective in producing a biological response*, especially when there is a well-defined threshold that must be exceeded to elicit the effect (ICNIRP 1996)" (<https://www.icnirp.org/cms/upload/publications/ICNIRPemfgdl.pdf>).

And while we are talking of the WHO, try this document for size: https://apps.who.int/iris/bitstream/handle/10665/39107/9241540761_eng.pdf. This is what the WHO was saying about radiofrequency and microwaves in 1981, but of course that was before the telecoms industry realised how much money could be made from mobile phones so now it's all forgotten: **Environmental Health Criteria 16: Radiofrequency and microwaves:**

"... General population exposure from man-made sources of microwave and **RF radiation now exceeds that from natural sources by many orders of magnitude**. ...increased levels of environmental electromagnetic radiation may constitute a problem in many countries. ... Problems of pollution range from ... to **direct risks to the health of individuals**. ...Lesions have been found in the internal organs of animals exposed for prolonged periods during which there was no significant rise in rectal temperature. Furthermore, **such animals did not show any overt signs of distress**. **Acute exposures may cause injury to the eye**. The cornea and crystalline lens are particularly susceptible to injury within the frequency range of 1-300 GHz. The cornea is at greatest risk between 10 and 300 GHz and the crystalline lens from 1 to 10 GHz. ... **A highly conservative approach would be to keep exposure limits close to natural background levels**. However, this is not technically feasible [**Translation: industry and the military would not allow it**]. A reasonable risk-benefit analysis has to be considered. ... **National and international agreements on exposure limits, ways and means of controlling this type of environmental pollution, and concerted efforts to implement such agreements are needed.**"

This is what EHS-sufferer and Administrator of the *International Appeal to Stop 5G on Earth and in Space*, Arthur Firstenberg says about power levels:

"The harm has nothing to do with power levels. This is what nobody understands. **Power level is relevant for only one type of effect: heating**. For all other effects, it is completely irrelevant. There are effects at near-zero power, and **for some effects, there is an inverse power relationship, i.e. the lower the power, the worse the harm**. SAR is completely irrelevant for non-thermal effects.

"It is not the power level that does the harm. It is the degree of coherence, type and depth of modulation, wavelength, number of frequencies, number of signals, bandwidth, shape of the waves, pulse height, pulse width, rise and fall time, and other properties of the radiation. **The unimportance of power levels for effects other than heat has been shown many times.**

In Salford's studies the lowest power levels caused the most leakage in the blood-brain barrier. Blackman, Bawin, Dutta, Schwartz, and Kunjilwar all in different laboratories, found that calcium efflux from neural and cardiac cells occurred at specific frequencies and exposure levels and did not increase with power. In Dutta's study a 3,000-fold decrease in power caused a 4-fold *increase* in calcium efflux. **Sadchikova and her Soviet colleagues found that workers exposed to the lowest power levels suffered more often from radio wave sickness.** Belyaev found that genetic effects occurred at specific frequencies and the magnitude of the effect did not change with power level over 16 orders of magnitude. **The assumption that wireless technology can be made safe by reducing the power is proven wrong."**

The most intelligent people on your programme were the EHS sufferers themselves, while you admitted never having even heard of a myelin sheath: "is that somewhere in the brain?" And then you allowed on Mr. Angry from Milton Keynes to rubbish them with insulting comments about conspiracy theorists in tinfoil hats.

This was a travesty, Mr. Vine. You should be ashamed of yourself for conspiring to con the public into accepting a technology that will undoubtedly cause mass suffering and death, family tragedies, the elimination of insect populations and the destruction of the environment.

However, the BBC has been superseded by people who are willing to make the effort to inform the public. With the mass media missing in action, there will be a 5G Crisis Summit at the end of August (https://the5gsummit.com/?idev_id=26107), with 40 experts talking about all the aspects of 5G. After that, the public will be fully informed. Should you be bothered to watch it, you could be, too. I paste below some clips to give you a taste of the kind of information that will be disclosed:

Dr. Sharon Goldberg:

<https://www.facebook.com/greenmedinfo/videos/483688972194408/>

Dr Kilnghardt (on deleting empathy):

<https://www.youtube.com/watch?v=ITlde6O4veU>

Robert F. Kennedy (nephew of President John F. Kennedy):

<https://www.facebook.com/josh.del.sol/videos/2469857026398357/>

Dr Devra Davis:

<https://www.facebook.com/greenmedinfo/videos/344714919768531/>

■ **Dear Jeremy**

August 2019

Very interesting to listen to your programme in which you had a discussion about electrosensitivity and 5G.

I don't know much about Malcolm Sperrin, but he cannot be a scientist who lives on this planet, otherwise he could not say on a national broadcaster that there isn't any scientific evidence that the non-thermal effects of microwave radiation in air – which is 4G and 5G and WiFi and mobile phone technology in general – are harmful to human health.

To say that is simply not true.

It is a lie and he discredits himself in front of people like Dr Martin Pall, Dr Devra Davis, Dr Sharon Goldberg, Dr Mallery-Blythe, Dr Graham Downing and hosts of other well known scientists from all over the world.

The scientific evidence according to Dr Martin Pall, a world-renowned biochemist, is of thousands of peer reviewed papers apparently. You can verify this with Dr Martin Pall – I am using him as a source of the scientific research.

That is why I say Mr Sperrin is not telling you nor your listeners the truth. In fact, I am gobsmacked that he said what he said to you. Why would you have such a man as a “scientific source” on your programme ?

Were you instructed to do so by your editor because the BBC is involved with “Rural First” and with BT and Cisco and others in pushing out 5G in the country – and so you need a man to support a particular narrative? Is that a form of propaganda? Can you let me know your thoughts on that? I mean is the BBC – which is paying some of your wages I guess – involving you in a form of propaganda?

So the BBC is not impartial and wants to select a source to say that microwave radiation in air is harmless on purpose – is that so, do you think?

If you want to include scientific evidence, you have to include all of it, not just the small part that supports the type of narrative Sperrin, Public Health England and the government give out and based on ICNIRP – which is the ultimate source of their story.

And ICNIRP disclaims any responsibility for their information – just take a look at their website (and I have attached their disclaimer for you to see <https://www.icnirp.org/en/legal-notice.html>).

Why should any intelligent scientist rely on this sort of information when ICNIRP say themselves that they are not to be held responsible for the information given out on their website?

So ICNIRP – which like Sperrin says there is no evidence that all this radiation is harmful – by their own definition is not a responsible source of information. Not responsible – does that mean it is irresponsible? We should ask that question, shouldn't we ?

I want to be very responsible for what I say. I want to be a responsible

member of our society.

Sorry to be so blunt, but that is the truth of things as far as I can see it.

And in the meantime, people are getting seriously hurt. And people like Malcolm Sperrin hold themselves up as experts and people believe him and are not getting the information to protect themselves.

And I am against all suffering myself.

And the Nuremburg Code places on me, and all of humanity of course, the legal responsibility to point this out to you and to the British government – a government that wishes to roll out 5G all over its electorate.

What I have said is true, legal and just.

Is the BBC not concerned about human health?

Isn't the government?

The gloves are off now all over the world and people are waking up to truth. People deserve the truth and the media in general and the BBC in particular (and the BBC belongs not to an elite but to the people themselves) should inform the public about the nature of microwave radiation in air – which is in fact what we are talking about – so that people can protect themselves and not be hurt or suffer.

As Dr Sharon Goldberg said, “The scientific evidence is overwhelming. Period.” Why don't you hold her up as an authority to challenge Malcolm Sperrin? That would be correct and impartial journalism, no? Not the propagation of a particular pro-5G narrative.

And I hope you yourself will take this email very, very seriously to protect yourself and your friends and family - and too that you will question everything Malcolm Sperrin said to you on your programme yesterday.

The effects of this radiation are cumulative and at a certain point any one of us could be affected by it and that includes yourself – the effects are unpredictable and there have been no safety tests done on 5G – as evidenced by Senator Blumenthal in a US senate hearing.

With kind regards

Nicholas Martin

Cllr and representative of SUN

(The only registered political party in the UK, committed to the eradication of 5G)

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■ **Le Monde: Technologie 5G : des risques pour la santé ?**

9 August 2019

<https://www.lemonde.fr/les-decodeurs/video/2019/08/08/technologie-5g->

[des-risques-pour-la-sante_5497772_4355770.html](https://www.5gfrance.fr/des-risques-pour-la-sante_5497772_4355770.html)

VIDÉO Le déploiement d'un réseau 5G national devrait débuter dès 2020. Mais militants et scientifiques s'y opposent pour des raisons sanitaires.

[Ed. Jugez pour vous-mêmes. Quant à moi – je dis merci pour la bonne publicité gratuite !]

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■ VIDEO

■ How dangerous is 5G? – The Infographics Show

4 August 2019

<https://www.facebook.com/TheInfographicsShow/videos/2347568198849742/>

Fresh propaganda on 5G.

How Dangerous is 5G?

Propaganda decoded:

There have been *lots* of studies and they have produced *lots* of evidence that cell phones pose a risk to health, but these studies are not “valid” and they have yet to prove that the risk is “real”. Who says so??

Ongoing public fears have prompted scientific study after scientific study, and yet no valid

study has yet to prove that normal cell phone use poses a real risk to humans.

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■ BBC fake news: 5G friend or foe?

July 2019

<https://soundcloud.com/mike-powell-912456432/under-the-radar-4-5g-friend-or-foe>

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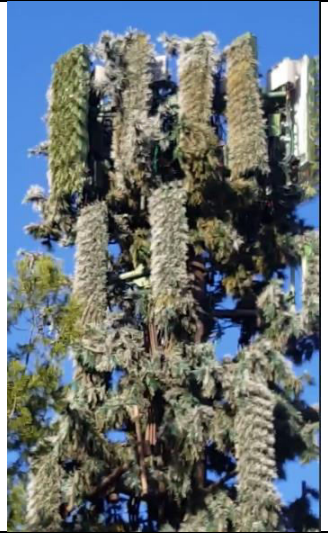
16. 5G INJURIES

■ Bees dropping out of the sky near two 5G cell towers, California

28 July 2019

<https://www.facebook.com/Stop5G/videos/2192290954396153/>

"I can hear them dropping – and they're dropping in between these towers. They're 40 feet apart and I can hear them dropping."



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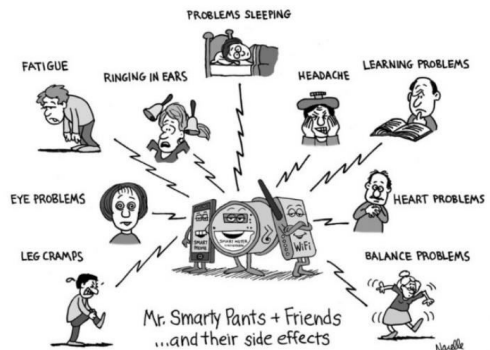
■ Your pets may get sick from exposure to digital, electronic, and wireless devices, CFL and LED light bulbs even if you don't

28 November 2018

<https://www.activistpost.com/2018/11/your-pets-may-get-sick-from-exposure-to-digital-electronic-and-wireless-devices-cfl-and-led-light-bulbs-even-if-you-dont.html>

Many pet parents go to great lengths to keep their fur children

healthy and happy for as long as possible. *Activist Post* has already published and shared many articles about how **exposure** to digital, electronic, and **wireless** devices and **infrastructure** as well as **Blue Light**, **CFL**, and **LED** light bulbs can cause **various** health **problems** in **humans** – including **cancer**. We've also published articles on how **exposure** can cause various health problems in animals – including cancer ...



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■ News from the EMF Guy, Nick Pineault

1 August 2019

This morning I wanted to quickly share a few interesting nuggets about 5G which I recently read in a brand new 5G Fact Sheet released by the Building Biology Institute (1), formerly known as the "Institute for Building Biology and Ecology (IBE)."

(I have to thank Oram Miller, who's the Director of Learning & Development at the Institute, for giving me a heads up about this new information being available. Please check out the 5G course they have published [HERE](#) if you want to dive even deeper.)

1) Bad News: Shielded clothing might *not* block 5G very effectively.

A variety of EMF-blocking clothes ranging from boxers to hoodies and blankets are available on multiple websites, my favorite one probably being [LessEMF.com](#)

Dr. Klinghardt is a huge fan of EMF blocking clothing, so in my mind there's no denying that wearing those can be a beneficial strategy for some people, used in order to counteract the outside exposures (from wifi hotspots, cell towers, etc.) which are inevitable in densely populated areas.

The Building Biology Institute document explains that:

"Unfortunately, most fabrics as well as copper and aluminum mesh that effectively block RF signals below 6 GHz are not expected to effectively block 5G beamformed signals above 20 GHz. "

The good news is that new materials can be developed which will be able to effectively block 5G. I'll be on the lookout for future developments and will help you navigate these products as always.

2) Good news: 5G "small cell" antennas will be "on-demand".

The Institute continues:

"New 5G antennas will **only transmit a beamformed signal when a user's handset initiates a connection, on-demand.** [emphasis mine]

Beamformed signals would not scan the neighborhood and constantly transmit like existing 3G and 4G LTE non-beamforming antennas do now."

This effectively means that if you have a 5G antenna right in front of your home and choose NOT to have a 5G-enabled phone, wifi router or other gadget -- this antenna will not be emitting 5G radiation towards your home. If your neighborhood is unfortunately a fan of 5G technology, he would be the one getting this extra exposure. (and I do suggest you try and tell him about the dangers of 5G!)

The bad news is that 5G antennas won't be alone on that pole potentially installed right in front of your home. "Always-on 4G LTE antennas would be installed along with 5G antennas at Wireless Telecommunications Facilities (WTFs) or base stations, which are additional names for small cell antennas, right in front of people's homes."

(Seriously, they decided to call these base stations "WTFs"? What were they thinking?!!)

In other words, the 4G LTE antennas installed right on the same base stations as the 5G antennas might be an even bigger problem for you -- because these additional antennas will emit radiation 24/7.

3) The bottom line: what you should do about 5G according to the Institute:

"In essence, avoid 5G devices and beware of 4G. Oppose siting of 4G LTE and 5G antennas in residential neighborhoods close to homes. Support efforts to utilize hardwired fiber optic infrastructure that is already in place to provide high-speed data transmission to our homes in a safer, wired way at a fraction of the cost of using wireless for the "last mile"."

Boycotting 5G-enabled devices and making sure your 5G network is always turned off if you already own one will be critical to show the industry that users do not want this technology.

Two action steps I'll leave you with today:

A) Make sure to visit the Building Biology Institute's brand new website and courses at <https://buildingbiologyinstitute.org>. Also consider having a Building Biologist do an EMF survey of your home or workplace.

B) Make sure you register for the 5G Crisis Summit [at this link](#) if you haven't already.

I know this summit will reveal critical and never-seen-before ways we can band together and slow down or stop the 5G rollout, and cutting-edge solutions we can apply in the meantime to protect ourselves.

Nick

Sources:

1. <https://buildingbiologyinstitute.org/wp-content/uploads/2019/05/5G-TechnologyandProtections-Fact-Sheet-1.pdf>



■ Obituary: Maria (Sargent) August 1970 - 2019

28 April 2019

<https://www.legacy.com/obituaries/saltlaketribune/obituary.aspx?pid=192692386>

Ani Thupten Tsondu, August 3, 1970 ~ March 12, 2019

On March 12, I chose to end my Earth Walk and reunite with the Mother of All Things. I wanted to free myself from the straightjacket of electrifying and neurological debilitation of Electro-Hypersensitivity (EHS) and Epstein-Barr Virus (EBV). These hidden modern-day epidemics humbled me and connected me to the great sufferings of others. Yet, they also shattered and dehumanized me. The constant tension of strange symptoms and crushing pain left me cut off from a life of embodied prayer and active altruism; I felt alienated from my true nature and impotent to be of service. I decided the greater good was to give my life with the aspiration to raise awareness and help others. As Thomas Merton said, "Man has no greater love than that he lay down his life for his friend."

If anyone asks, you can say I ended my own life. But it would be more accurate to say I died from Electromagnetic Field (EMF) poisoning. I am not ashamed of my actions. They were based on compassion for my own suffering and the desire to prevent more people from becoming sick. I'm not the first person with Electro-Hypersensitivity (EHS) to die by their own hand, but perhaps the first to publicize it. And that's my whole intention. Let me be the posterchild for this 21st century plague. Let me be the impetus for positive change. What sends a stronger message than death? The message is: seek the truth and learn how to protect yourselves. The message is: create housing opportunities for people with EHS. I chose to die so you would know the importance of reducing your exposure to toxic EMFs. I chose to die so the world would see the safe camps for EMF refugees are urgently needed. I do not want a funeral, memorial service, or life celebration. Instead, please help the living by honoring my three final wishes. Thank you and may you be well.

1. Take simple steps to lower your EMF exposure and stay healthy. Organize housing for people sick with EHS. Everyone deserves a safe home. Resources for this are: the fantastic book *The Non-Tinfoil Guide to EMFs* and the Safe Haven tab at www.HeartMind.info

2. Cleanse your body of radiation, viruses, heavy metals, and pesticides, which cause EHS and other chronic illnesses including Lupus, Lyme, MS,

RA, and Cancer. It's fun and yummy! Read the beautiful book *Life Changing Foods* by Anthony William.

3. Take extra good care of each other. Spend time each week in loving service to a sick, injured, or housebound person. Let them know they are not forgotten. This is the true purpose of being human. Resources are: the books *Everybody Always* by Goff, *Peace Pilgrim*, and the TLC tab at www.HeartMind.info

May my death usher in a new era, an era in which EHS and EBV are taken seriously, diagnosed correctly, treated immediately, and prevented widely. **May this be an era of permaculture eco-villages, bountiful food forests, abundant altruism and safe technologies. I gladly sacrifice my life for that purpose. May it be so!**

Visit my blog www.HeartMind.info for more information and continued updates from friends. Look for me in the sun, the moon, and the stars. Pray that I've melted into Mother Luminosity and am helping all beings, in all worlds, in all ways. May the bodhichitta flourish!

Published in Salt Lake Tribune on Apr. 28, 2019

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■ EMFs linked to massive decline in global health

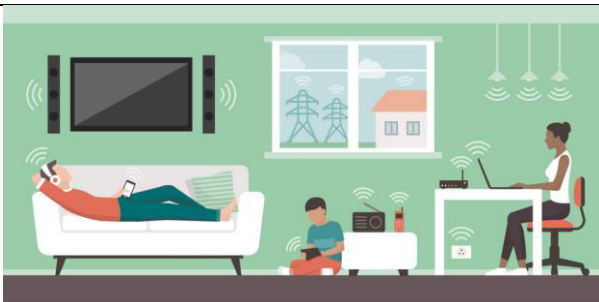
30 July 2019

<https://www.naturalnews.com/2019-07-30-emfs-linked-to-massive-decline-in-global-health.html>

... EMFs have already been linked to a **massive decline in global health**.

First, many people will argue that the sun naturally emits some EMFs, but our exposure to artificial EMFs has reached unprecedented heights. Low-frequency **EMF radiation**, which encompasses that given off by smart meters, cell phones, Bluetooth, power lines, MRIs, and microwaves, has been listed as a class 2B probable carcinogen by the International Agency for Research on Cancer – right alongside indisputable dangers like lead and DDT.

It's not just cancer that we need to worry about however, as people can experience a host of unpleasant symptoms after prolonged exposure. It's more than a coincidence that so many people experience these problems



just as technology takes over our lives.

In fact, 27 percent of American children are now said to live with chronic health conditions that impact their daily activities, while 60 percent of adults have at least one chronic condition and 42 percent experience multiple chronic conditions.

The health problems that people can experience from this exposure have even been given a name, electromagnetic hypersensitivity. Its symptoms can include vertigo, fatigue, sleep problems, depression, dizziness, trouble concentrating, anxiety, mood swings, mental decline, irritability, involuntary twitching, and slower healing from infections.

One recent study found that constant EMF exposure [impairs the memory of adolescents](#). After following 700 people between the ages of 12 and 17 for one year, the researchers noted that the RF-EMF exposure from cell phone use had a negative effect on figural memory performance in this group. Figural memory is a function of the right brain that relates to your capacity for remembering images. This impairment was most noticeable in people who regularly used their cell phones on the right side of their head. Many studies into EMF dangers are biased, however. The [University of Washington's](#) Dr. Henry Lai recently illustrated just how skewed the research on the topic has been. He noted that 70 percent of studies into EMF dangers that were not funded by the industry have shown harmful effects, while just 32 percent of industry-funded studies have found harmful effects. ...

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■ Could wireless headphones harm your health? Public health professor warns radiation of airpods are just as bad

8 September 2016

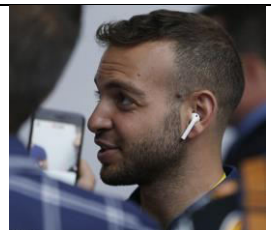
<https://www.dailymail.co.uk/health/article-3780539/Could-wireless-headphones-HARM-health-Public-health-professor-warns-radiation-AirPods-just-bad.html>

... And research shows that over time these emissions wear down the blood-brain barrier, which is essential for keeping out chemical toxins.

'We are playing with fire here,' Dr Joel Moskowitz, a professor at the UC Berkeley School of Public Health, told Daily Mail Online.

'You are putting a microwave-emitting device next to your brain.'

The exact frequency of the AirPods Bluetooth emission has not yet been



released.

Apple's engineers and marketing directors insist that, since they use Bluetooth, the microwave emissions are well within the FCC guidelines. Bluetooth emissions are far weaker than, for example, microwave oven radiation.

Moskowitz warns that more than 200 scientists who study the effects of electromagnetic fields believe that the FCC guidelines are inadequate to protect human health.

And Dr Leif Salford, the world's top researcher in the field of cell phone radiation, recently claimed your cell phone could be more harmful a few inches from your head (using loudspeaker) than when you have it fixed to your ear (for a phone call).

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■ Children are dying because parents are on their phones

3 August 2019

<https://www.jpost.com/Opinion/Children-are-dying-because-parents-are-on-their-phones-597552>

Safety experts from around the globe have issued warnings time and again that drowning is most often silent.

... Last year, the German Lifeguarding Association published findings that drew a direct link between children dying in the water and parents cellphone usage at the time of death. For years, lifeguards have warned parents that using a phone while children are swimming causes the parent to lose focus on the child, and in many cases of children drowning this was one of the causes.

Safety experts from around the globe have issued warnings time and again that drowning is most often silent. There are many examples of children who drowned in packed pools without anyone noticing. Sometimes, these incidents even happen at home in an inflatable pool with just a few centimeters of water, or even in a washing bucket.

Authorities around the world are now explicitly warning people against using their smartphones whenever a child is near water, whether that be the bathtub, an inflatable pool, while washing the floor, and of course, when the family is at the beach or poolside.

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15. 5G HUMOUR

After breath-taking,
breast-baking
digi-deaths,
will there be
a laughter life?

olga sheean

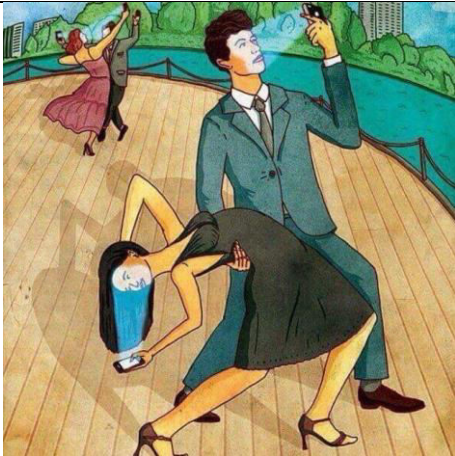
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■ Les Gueules de WaB - L'enterrement d'un iPhone (Clip) / Funeral for an iPhone (subtitles)

https://www.youtube.com/watch?v=0I32w66r6nI&fbclid=IwAR3jmh0IU6XQ6OAFI-LzkyxHR3j_x3CFN825g7SytJiVcuJbkygt4TCwkD0



Funeral for an iPhone

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| <div><div></div><div></div></div> <div>[Back to contents]</div> | | | |

- A good strategy is all about ... surprise





16. 5G SPACE APPEAL DOING THE ROUNDS

■ Comment from an elderly lady in the Netherlands signing the Appeal

3 August 2019

"No university, but a healthy memory and I look very often at scientific documentaries. In the past, you worked from an early age. Right after the second world war, we needed to rebuild everything, so, from 15 years old, I worked for very little money. I've experienced the demolition of the world, up to this moment with the diseases, sprayed and poisoned crops, animals in cages, chickens all on top of each other, all to keep increasing consumption. Just today, I've seen about 5G. All the garbage hovering in the atmosphere and Capital is never satisfied, wanting always more, meanwhile we little people earn less and less pennies. And we're not allowed to talk about the elderly, sickness and the handicapped. Just a little longer and the world is going down, and we're very close, so I'm letting it all out into the air, from an 87-year-old lady."

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■ Multerland on the 5G Space Appeal

11 June 2019

<https://multerland.wordpress.com/2019/06/11/5g-space-appeal-in-27-different-languages/>

Useful information about the Appeal and links to videos, etc. Beautifully done.

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Multerland

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17. HOW YOU CAN USE THE STOP 5G SPACE APPEAL

HOW YOU CAN USE THE APPEAL TO STOP THE ROLLOUT OF 5G IN YOUR COUNTRY

Sign the Appeal

We are asking everyone to sign the [International Appeal to Stop 5G on Earth and in Space \(www.5gSpaceAppeal.org\)](http://www.5gSpaceAppeal.org). We will succeed in stopping 5G with your help.

Present the Appeal to your government and other authorities

We will be sending the Appeal to the United Nations, the World Health

Organization, the Council of Europe and all of the 193 nations of the world and others. We are asking you to print out the Appeal from the website (www.5gSpaceAppeal.org/the-appeal), and present it to the appropriate officials in your national government who are in charge of telecommunications and outer space.

You may also wish to send the Appeal together with a cover letter to:

- Doctors' associations
- Citizens' associations
- National politicians
- National authorities dealing with health and the environment
- Academic institutions and faculties of medicine
- Mayors of major cities
- Political parties
- Parent-children associations
- Head teachers of schools
- National media
- People in the public eye
- 5G satellite companies: [SpaceX](#) (CEO Elon Musk), [WorldVu](#) (OneWeb – CEO Greg Wyler), [Boeing Defense, Space & Security](#) (CEO Leanne Caret), [Telesat Canada](#) (CEO Daniel S. Goldberg) and [Iridium](#) (Chairman of the Board Robert H. Niehaus).

Please also write letters to the relevant people and organizations mentioned in the **Stop 5G Space Appeal Newsletters**. We should all be taking action in response to this information.

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18. INTERNATIONAL APPEAL NEWSLETTER FROM ARTHUR FIRSTENBERG

30 August 2019

<https://multerland.wordpress.com/2019/08/31/newsletter-international-appeal/>

For the Earth, I thank all of you who have already signed, and I ask each of you to please forward this email to at least 10 others who have not yet signed the [International Appeal to Stop 5G on Earth and in Space](#). We are gathering volunteers from around the world who will hand-deliver this Appeal to the governments of all nations during the month of October. Please contact me at info@cellphonetaskforce.org if you wish to volunteer.

The assault on life by radio waves that began in 1896 — that is now increasing so rapidly, and is injuring so many people and so many forms of life — must finally be acknowledged, and it must finally be halted. We do not have much time. Scientists, doctors, government officials, and injured people must all meet together in one place to put a stop to it. It is the most immediate threat to life on Earth, and its solution is therefore the key to our survival. If we can stop 5G, then maybe we can also stop the threats to our forests, oceans, atmosphere, and climate. They are all products of unbridled technologies that we think are necessary for modern life, but are really antithetical to life itself.

125,000 Signatures So Far

The International Appeal to Stop 5G on Earth and in Space has now been translated into 30 languages. It has been signed, thus far, by more than 124,000 individuals and more than 1,100 organizations from 203 countries and territories. They include:

3,381 scientists

1,913 medical doctors

5,848 engineers

3,525 psychologists, psychotherapists and social workers

3,052 nurses

All signatures are now on our website, and the number of signatures is now updated in real time automatically.

I have just added a new category of signers: [beekeepers](#). This is because beekeepers from around the world are signing in increasing numbers, and because 5G poses such a threat to honey bees worldwide.

*** Organizations that signed between June 3 and July 28 should sign again. For reasons that are not clear, all organization signatures submitted between June 3 and July 28 were blocked by my email provider and those signatures are lost. The problem has been fixed. Please alert all organizations that you are associated with that if they signed the Appeal during that time and their name does not appear on the Organizations page of our website, they should sign again

NEWS FROM AROUND THE WORLD

Satellite Launches

Elon Musk's company, SpaceX, plans to launch 12,000 satellites to supply 5G globally from space. The first 60 satellites were launched on May 23, 2019 from Cape Canaveral, Florida. The second set of 60 satellites are scheduled to be launched on November 17; the third set of 60 satellites on December 4. As soon as 420 satellites are launched, SpaceX plans to begin providing global 5G service to a limited number of customers. **This**

must not happen. The activation of 5G satellites in space threatens catastrophic effects, as early as this coming spring — not from the direct radiation, but from the alteration of the Earth’s electromagnetic environment, upon which everyone depends for their life and health. Details are in this article: [Planetary Emergency](#).

Elon’s younger brother, Kimbal Musk, who is on SpaceX’s board of directors, lives in Boulder, Colorado, and is an environmentalist who cares about the Earth and our future. One of the organizations he founded, Big Green, has dozens of officers and team members and has installed raised bed “Learning Gardens” in public schools throughout the area. I am reaching out to all my contacts in Boulder, to see if any of them knows someone connected with Kimbal Musk and can get us an appointment with him.

Birds in Peril

Canadian scientists with the National Research Council proved already in the 1960s that [bird feathers make good receiving aerials](#) for microwave radiation and that low-level microwaves cause birds [distress, deteriorated health and mortality](#). Spanish biologist Alfonso Balmori has proved that radio waves [interfere with nesting and reproduction](#). Scientists at the University of Oldenburg in Germany have proved that radio waves [interfere with bird migration](#).

Two week ago, I received a phone call from geneticist Julian Northey in Ontario, Canada. He told me that last year, many Canadian geese were so disoriented that they never flew south for the winter. He observed flocks of geese near the shore of Lake Ontario, flying due east one day, due west the following day, and due east the day after that. In the dead of winter, in January and into February, when they should have been south in a warmer climate, they were still in Canada flying back and forth, unable to find their bearings, honking and honking in distress.

Unlike irradiated humans, irradiated birds are not on anti-depressants and anti-anxiety medications. Instead, they are attacking people. “[Proving Hitchcock Right, Bird Attacks Are Turning Violent This Summer](#)”, read a July 15, 2019 headline in the *Wall Street Journal*. In Massachusetts, Minnesota, British Columbia, Montana, Colorado and Illinois, red-winged blackbirds, crows, hawks and wild turkeys are divebombing people and whacking them in the head.

In Bulgaria in June, 5G was tested for the first time in Sofia. According to an email I received on July 17 from a 20-year-old girl who lives there, this resulted in the deaths of more than 700 pigeons — reminiscent of an earlier, similar report from The Hague.

[“Where have all the Birds Gone?”](#) asked Max Silverman on July 1, 2019 in his Birding Diary from England. “I have been out with the camera several times since my last blog which was over a month ago now but have really struggled to find any birds to point the camera at,” he writes.

Here in Santa Fe, New Mexico, [Richard Balthazar wrote](#) on July 1, 2019: “This past week I’ve been horrified to see the cherries ripening on the tree next door — and simply hanging there till over-ripe and falling to litter the ground. Always before, as the cherries started to turn red, the tree would be a-flutter with flocks of birds pecking the heck out of them. Now I’ve seen no more than three of our little birds struggling to reach a fruit or two. Where have all the birds gone?”

[Insect Armageddon](#)

This [youtube video](#) from California showing dead and dying bees falling out of the air near mobile phone antennas has been circulating recently. Alongside birds, the world’s insect populations are plummeting just as drastically, if not more so. This is not surprising, considering that all insects have antennae, with which they detect their environment and communicate with one another. This is explained in the important booklet, [Bees, Birds and Mankind: Destroying Nature by ‘Electrosmog’](#), published in 2007 by German biologist Ulrich Warnke.

In the last two years, scientists worldwide are waking up to this emergency. In 2017, scientists reported that the number of flying insects in 63 protect nature areas in Germany had [declined by 75 to 80 percent since 1989](#). In September 2018, scientists reported that the number of insects caught in sticky traps in a Puerto Rican rainforest had declined, incredibly, [by 97 to 98 percent since the 1970s](#). And in January 2019, scientists from Australia and Belgium concluded that [these types of declines are occurring worldwide](#) and among all types of insects. On February 10, 2019, a headline in *The Guardian* announced: [“Plummeting insect numbers ‘threaten collapse of nature’”](#). Some scientists are blaming this on pesticides, habitat loss, or climate change. Others are throwing up their hands and saying “We don’t know why this is happening.”

But it has been happening for a long time. By 1906, ninety percent of the honey bees had disappeared from the Isle of Wight, where Marconi had established his first permanent radio station. The progression from “Isle of Wight disease” to “disappearing disease” to “colony collapse disorder” to “insect armageddon” has brought us to the brink of catastrophe. We *do* know why, and it *must*, finally, be halted.

[“It Feels Like I’m Living in a Microwave Oven”](#)

One day in April of this year, 5G antennas were installed near an

apartment building in Geneva, Switzerland. Johan Perruchoud, age 29, a video and film-maker who lives on the fifth floor, suddenly couldn't sleep, and his ears started whistling. "In particular at home," [he says](#), "[I felt — how can I put it — like I was in a microwave oven. I was not well in the house, as if I was surrounded by ghosts.](#)"

His neighbor, actor and director Elidan Arzoni, age 50, fared worse. On the same day in April, his ears suddenly started making very loud sounds, so loud that it is "unlivable", and he felt pains on the left side and back of his skull, and in his chest. His chest pains were so violent that he thought he was having a heart attack and went to the hospital emergency room two days later. His wife and three children, ages 9, 16 and 21, all suffer from insomnia, which began at the same time in April.

I received an email at the end of May from a social worker in Vancouver, Canada. She works for the Vancouver Coastal Health Authority. "Vancouver is seriously radioactive. Someone please help me," she wrote. I spoke with her and she echoed Mr. Arzoni's words: her city is unlivable. Vancouver is leading the way in Canada in the installation of 5G.

[DONATIONS ARE URGENTLY NEEDED](#)

Thank you to all who have already donated. Alongside the [International Appeal to Stop 5G on Earth and in Space](#), we are funding a [lawsuit to stop 5G](#) in the United States. Our goal is to raise one million dollars. This would pay our lawyers, and it would buy publicity around the world. **Please contact me if you can help with fundraising.** Donations from ten dollars up to a few thousand dollars can be made on our website, here. [DONATE](#) For larger donations, please contact me. Donations from U.S. residents are tax-deductible.

I have about 1,000 copies left of my book, *The Invisible Rainbow: A History of Electricity and Life*. You can purchase it [here](#). All proceeds go to support the campaign to stop 5G. It is the first book ever published that tells the history and science of electricity, including radio waves, from an environmental point of view, with chapters on cancer, heart disease and diabetes, as well as birds, insects, forests and wildlife. Dr. Kate Showers of the University of Sussex [has likened it to](#) Rachel Carson's *Silent Spring*. When these last 1,000 are sold out, I will issue a second edition. **Please contact me if you are a publisher who would like to publish the second edition, in English or any other language.**

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19. LANGUAGE VERSIONS OF THE APPEAL

The Appeal is available in the following 30 languages. The latest additions are Farsi and Latvian – many thanks to the translators. We are still looking for volunteer translators for other languages, in particular **Swedish**, since 5G has already been rolled out in Sweden.

Clicking the banner at the top of each document takes you to the Appeal website, where you can sign as an individual or as an organization.

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|---------------------------------------|---|--|--|---|--|
| 中文 日本語 한국어 Český Latviski | Dansk Deutsch Eesti English Български | Español Français Hrvatski Italiano Lietuviškai | Nederlands Magyar Norsk Polski Português | العربية Română Slovensko Suomi Türkçe | Ελληνική Монгол Русский Српски فارسی |
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This is the last *Stop 5G Space Appeal Newsletter*.

Thank you for reading and/or contributing

Please check www.5gexposed.com for 5G info

I will be devoting my efforts from now on to documenting the 5G horror
through writing articles for www.5gunplugged.com

Please subscribe to the www.5gunplugged.com newsletter if you would
like to receive articles on 5G in English, French and German



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PREVIOUS NEWSLETTERS

Issue 1: 8 March 2019

<https://whatis5g.info/wp-content/uploads/2019/03/5G-News-8-March-2019.pdf>

Issue 2: 18 March 2019

<https://whatis5g.info/wp-content/uploads/2019/03/Stop-5G-Space-Appeal-Newsletter-18-March-2019.pdf>

Issue 3: 6 April 2019

N/A

Issue 4: 21 April 2019

<https://www.5gexposed.com/wp-content/uploads/2019/04/Stop-5G-News-21-April-2019.pdf>

Issue 5: 23 May 2019

<https://www.5gexposed.com/wp-content/uploads/2019/05/Stop-5G-News-May-2019.pdf>

Issue 6, 21 June 2019

<https://www.5gexposed.com/wp-content/uploads/2019/06/Stop-5G-News-June-2019.pdf>

Issue 7, 27 July 2019

<https://www.5gexposed.com/wp-content/uploads/2019/07/Stop-5G-News-27-July-2019-1.pdf>