

To: The Council of Europe
• Secretary General Thorbjørn Jagland,
• PACE President Michele Nicoletti,
• Committee on Social Affairs, Health
and Sustainable Development (AS/Soc).



Scientists Call For Moratorium on 5G

We appreciate that the new PACE President Stella Kyriakides at the opening of a seminar in London on “Children's mental health and child-friendly justice” considered: *“child protection and well-being one of the [Assembly's priorities](#)”*. We over 190 scientists and doctors have the same goal. We have signed a 5G-Appeal (see Attachment) to the Council of Europe and European Union seeking a moratorium on the deployment of 5G (Fifth Generation of Telecommunication) using super-high 10–100 GigaHz frequencies, so new that they have not scientifically been proven safe.

The scientists who signed the Appeal demand the EU and Council of Europe now – instead of to massively increase total exposure by adding 5G – must apply the [PACE Resolution 1815](#) and *“take **all reasonable measures necessary to reduce exposure to electromagnetic fields**”* and therefore halt the 5G expansion until an **expert group** of truly independent scientists can assure that 5G and the increased sum of radiation levels caused by 5G wireless technology added to 2G, 3G, 4G, Wi-Fi 1) etc. will be safe. We ask PACE to also demand that EU follows Resolution 1815.

The signatories know that the microwave radiation emitted by lower frequency wireless technology is *“harmful to humans and the environment.”* Deployment of 5G will substantially increase the total exposure to wireless radiation. We also referred to the EU Council recommendation (1999/519/EC) of 12 July 1999: (4) *“It is imperative to protect members of the general public within the Community against established adverse health effects that may result as a consequence of exposure to electromagnetic fields.”* We need this for “child protection and well being” in Europe.

The current safety guidelines only recognize heating effects. The 190+ scientists are in agreement that science has shown that wireless radiation *“affects living organisms at levels well below most international and national guidelines.”* These effects are seen at non-thermal radiation levels cannot be explained by heating. Thus, the current guidelines (10 000 mW/m²) based on heating are at least 10 000 times too high (Resolution 1815 = 1 mW/m²) and do not protect childrens' health.

January 29, 2018

Respectfully submitted

Rainer Nyberg

Rainer Nyberg
EdD, Professor Emeritus
Vasa, Finland
NRNyberg@abo.fi

Lennart Hardell

Lennart Hardell
MD, PhD, Oncologist
Örebro, Sweden
lennart.hardell@regionorebrolan.se

Attachment: Choose language for the 5G Appeal: / [DE](#) / [EN](#) / [ES](#) / [FI](#) / [FR](#) / [IT](#) / [SV](#)

[Updated list of SIGNATORIES](#)

¹ EU decided 29/05/2017: [“Free public Wi-Fi hotspots ... across the EU”](#) will be installed for €120 million before 2020