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Human Exposure in 5G and 6G Scenarios

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Deadline for manuscript
submissions:

closed (31 December 2020)

Message from the Guest Editors

Dear Colleagues,

The upcoming development of the 5th generation mobile networks (5G) based on wireless communications will involve for the first time a wide use of the millimeter-wave spectrum (30–300 GHz). The need for new network performances, such as low transmission latency and an increase in data rates, will also involve the introduction of technological innovations, such as 'massive' MIMO antennas and beamforming. Furthermore, small cells will be integrated into 5G networks.

In this Special Issue, we invite submissions dealing with the human exposure assessment in the upcoming 5G exposure scenario and beyond 5G technologies (e.g., in the THz band). Research papers or reviews can focus on (but are not limited to) measurements and/or simulation methodologies for 5G and beyond 5G technologies, deterministic and statistical approaches, in situ exposure assessment, concepts for minimizing exposure, network optimizations, etc.

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mdpi.com/si/37078



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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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