



Technical Challenges and Symmetries in Next Generation Mobile Networks

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Deadline for manuscript
submissions:

closed (30 November 2023)

Message from the Guest Editors

Dear Colleagues,

The possible research topics of interest include, but are certainly not limited to the following:

- Protocols and algorithms for environmental sensing that are suitable for 5G networks;
- Low-power wide area network (LPWAN) technologies for Wireless Sensor Networks and IoT;
- Applications of mobile and/or wearable sensing for healthcare and other sensible use case scenarios that are based on 5G connectivity;
- Ultra-low latency and real time applications in 5G networks;
- Vehicular protocols and their integration with other technologies (Vehicular ad hoc networks - VANETs, 4G, 5G, mobile IP, etc.);
- Network planning and network slicing in the context of 5G networks;
- Applications and protocols related to sustainable computing in the context of 5G;
- Beyond 5G: 6G enabling technologies, research challenges, open problems, potential solutions and applications.

Full presentation of this special issue:
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Editor-in-Chief

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Message from the Editor-in-Chief

Symmetry is ultimately the most important concept in natural sciences. It is not surprising then that very basic and fundamental research achievements are related to symmetry. For instance, the Nobel Prize in Physics 1979 (Glashow, Salam, Weinberg) was received for a unified symmetry description of electromagnetic and weak interactions, while the Nobel Prize in Physics 2008 (Nambu, Kobayashi, Maskawa) was received for the discovery of the mechanism of spontaneous breaking of symmetry, including CP symmetry. Our journal is named *Symmetry* and it manifests its fundamental role in nature.

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