

Special Issue

Mobile System Design for 6G Communications

Message from the Guest Editors

6G communications shape a new evolutionary path for the Telecom Industry and business. Sixth-generation wireless technology is expected to increase download speeds, reduce congestion, eliminate latency, improve connectivity (including connected cars) and make use of wider bandwidth at higher frequencies. In addition, the integration of AI and machine learning would make these communications more sustainable. This Special Issue addresses the ongoing transformation of the Telecom Industry, focusing on the 6G technology that drives such changes. In this regard, all scientific results and experiments that address the challenges of 6G implementation are welcome, including those from cybersecurity perspectives. The results and material submitted for publication should be original and should not have been published previously. Reviews are also welcome. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following topics:

- Antennas;
- Filters;
- Modulation;
- Signal processing and channel modeling at 6G frequency bands;
- AI integration into the future mobile systems;
- Security design for 6G communications.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

Editor-in-Chief

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