

Special Issue

5G Mobile Telecommunication Systems and Recent Advances, 2nd Edition

Message from the Guest Editors

This Special Issue particularly focuses on improving the performance of 5G systems (improvement of link capacity, reduction in interference, fading, more efficient handover, etc.), concrete applications of 5G telecommunication systems in modern industry, hybrid communications (integration) with other complementary telecommunication systems, and the application of modern AI/ML/big data methods for processing collected data and improving the performance of both 5G networks and services. Topics of interests include, but are not limited to, the following:

- 5G-based IoT applications in smart cities, agriculture and Industry 4.0;
- 5G link analysis, spectral efficiency, and link adaptation;
- Link-/cell-/network-level simulations;
- Hybrid communications;
- Satellite communication links integration into the 5G ecosystem;
- Vertical and horizontal handovers improvements;
- MIMO communications, channel modeling, and simulations;
- V2V communications;
- AI and ML technologies in 5G;
- Big data technologies in 5G;
- Digital twins in 5G and beyond;
- Network slicing in 5G and beyond.

Guest Editors

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Deadline for manuscript submissions

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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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