Special Issue

Smart Communication and Networking in the 6G Era

Message from the Guest Editors

Researchers around the globe are proposing cutting edge technologies for smart communication and networking as the key and enabling technologies in the realization of 6G communications, including artificial intelligence (AI), blockchain, software-defined networks, tera-Hertz and millimeter wave communication, non-orthogonal multiple access (NOMA), etc. This Special Issue aims to attract and encourage submissions in the area of smart communication and networking in the 6G era. Both original research and review papers are welcome. The topics of interest for this Special Issue include, but are not limited to, the following:

- Millimeter-wave (mmWave) and tera-hertz (THz) communication;
- Smart and highly directive antennas;
- Ultra-high-precise positioning and localization;
- Clouds, fog, and edge computing;
- Advanced beamforming with very large-scale antenna;
- Artificial intelligence and machine learning;
- Intelligent sensing, communication and computing;
- Blockchain for secure and resilient communication;
- Cyber security for smart communication;
- Next generation communication network architecture;
- Network intelligence, self-organization, self-reconfiguration.

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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 guestedited by leading experts in selected topics of interest.

Editor-in-Chief

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.8 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).

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