

Special Issue

Advances in Wireless Communication for IoT

Message from the Guest Editors

This Special Issue aims to explore the latest advancements, challenges, and future directions in wireless communication for IoT, with a particular emphasis on the SWaP (Size, Weight, and Power) considerations that are crucial for deploying efficient and sustainable IoT solutions. This call welcomes submissions on a wide array of topics pertinent to wireless communication for IoT, including (but not limited to) the following:

- Advances in IoT wireless communication protocols;
- Energy-efficient and low-power wireless communication technologies for IoT devices;
- Security and privacy challenges in IoT wireless communications;
- Machine learning and AI applications in optimizing IoT wireless communication;
- Integration of IoT devices with existing wireless networks;
- Novel applications and case studies of wireless IoT in sectors such as healthcare, agriculture, smart cities, and manufacturing;
- Interoperability and standardization efforts in IoT wireless communications;
- Scalability and management of large-scale wireless IoT networks;
- Performance evaluation and modeling of wireless communication systems;
- Emerging trends and technologies in IoT wireless communication.

Guest Editors

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Deadline for manuscript submissions

closed (15 May 2025)



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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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