

## 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.

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### Guest Editors

Dr. Ying Wang

Dr. Marcos M. Vasconcelos

Dr. Sudhanshu Arya

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### Deadline for manuscript submissions

closed (15 May 2025)



## Electronics

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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.

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### Editor-in-Chief

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