

Special Issue

Communication, Sensing, and Computing for Intelligent IoT

Message from the Guest Editors

The main aim of this Special Issue is to seek high-quality submissions that highlight emerging intelligent IoT-enabled applications and propose original contributions to solve their associated key challenges. Authors are invited to submit original contributions that address the following topics:

- IoT applications for smart cities.
- Edge computing framework for intelligent IoT-enabled applications.
- Security and privacy issues for intelligent IoT-enabled applications.
- Blockchain technologies for IoT-enabled applications.
- Cloud computing for intelligent IoT-enabled applications.
- IoT-enabled digital twins.
- AI-enabled IoT applications.
- IoT interoperability and multi-platform integration.
- Advanced IoT data management, mining, and analytics.
- IoT big data management and predictive analysis.
- Resource management techniques for IoT-enabled applications.
- IoT for smart manufacturing (Industry 5.0) and smart spaces.
- Mobility, localization, and context adaptive IoT.
- Edge computing, fog computing and IoT.
- Federated learning for IoT networks.
- SDN, NFV, and IoT.

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.

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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).