

Special Issue

Recent Advances and Challenges in IoT, Cloud and Edge Coexistence

Message from the Guest Editors

The coexistence of the IoT, Cloud and Edge (ICE) provides a stronghold for innovation that spans across all sectors of vertical industries, research, and development ecosystems towards the ever-increasing volume of data and the associated burst of business cases. In this Special Issue, the aim is to publish high-quality articles including reviews and position papers that address various challenges in the use of these technologies (IoT, cloud and edge computing) towards their technical and business fusion, realizing a computing continuum enhanced by AI and openness. The topics of interest include but are not limited to:

- Meta-operating systems;
- Security, privacy and trust;
- Open source enabling platforms and tools;
- Artificial intelligence;
- Data and identity management;
- Vertical industries;
- Orchestration and management technologies;
- Business modeling and commercialization;
- Sustainable Development Goals;
- Digital twins;
- Blockchain technologies.

Guest Editors

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Deadline for manuscript submissions

closed (31 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 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 16.4 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).