

Special Issue

Emerging Internet of Things Solutions and Technologies

Message from the Guest Editors

The full potential of the Internet of Things (IoT) paradigm needs research efforts directed to the design, development, and assessment of novel solutions and technologies. Novelties in this field include the integration of consciousness and awareness in the IoT, the adoption of machine learning and AI, the exploitation of edge/fog computing, and the development of new standards and protocols. This Special Issue targets academic and industrial communities in the fields of computer science, electronics, control systems, and telecommunications, which intend to advance IoT solutions and technologies.

Topics of interest include but are not limited to:

- Internet of Things;
- Cyber-physical systems;
- Smart environments;
- Edge and fog computing;
- Smart buildings;
- Architectures, methodologies, and infrastructures for IoT Systems;
- Cognitive and social Internet of Things;
- Digital twin for the Internet of Things;
- Green and sustainable Internet of Things;
- Low energy and battery-less systems;
- Machine learning and artificial intelligence for the Internet of Things;
- Wireless sensor and actuator networks;
- Standards and protocols for the Internet of Things.

Guest Editors

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Deadline for manuscript submissions

closed (31 March 2021)



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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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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).