



Emerging Networking Technologies for the Internet of Things

Guest Editors:

Dr. Solange Rito Lima

Dr. Paulo Carvalho

**Prof. Dr. António Manuel De
Jesus Pereira**

Dr. Petar Šolić

Deadline for manuscript
submissions:

closed (15 June 2024)

Message from the Guest Editors

Emerging networking technologies for the Internet of Things (IoT) help to transform the way we live, work, and interact with the surrounding environment. Recent wireless and mobile technologies (e.g., LPWAN, Wi-Fi 6, 5G/6G), edge computing, software-based networking, and other emerging paradigms promise to foster a wide range of IoT applications in areas such as smart living, industry, and healthcare, among many others.

Topics of interest in the Special Issue include (but are not limited to) one or more of the following topics:

- LPWAN technologies;
- 5G/6G support for IoT environments;
- Emerging wireless network architectures and protocols for IoT;
- Challenges and solutions in sensor networks;
- Cloud/Fog/Edge architectures and solutions for IoT;
- SDN/NFV in IoT context;
- Green IoT network technologies;
- Emerging paradigms and technologies for managing and monitoring IoT networks;
- IoT network traffic modelling and characterization (AI-based or other);
- Performance and quality metrics for evaluating IoT networks and services;
- Emerging network models for IoT security, privacy, and trust;
- Innovative network solutions for Industrial IoT.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Flavio Canavero

Department of Electronics and
Telecommunications,
Politecnico di Torino, 10129
Torino, Italy

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), CAPlus / SciFinder, Inspec, Ei Compendex and other databases.

Journal Rank: JCR - Q2 (Engineering, Electrical and Electronic) / CiteScore - Q1 (Signal Processing)

Contact Us

Electronics Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/electronics
electronics@mdpi.com
[X@electronicsMDPI](https://x.com/electronicsMDPI)