

Special Issue

Communication, Sensing and Computing for Intelligent Internet of Things Enabled Applications

Message from the Guest Editors

Authors are invited to submit original contributions that address the following topics:

- IoT applications for smart cities;
- Edge computing frameworks 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

Dr. Mamun Abu-Tair

Dr. Soufiene Djahel

Prof. Dr. Dhiah el Diehn I. Abou-Tair

Dr. Philip Perry

Deadline for manuscript submissions

closed (15 May 2024)



Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



mdpi.com/si/160477

Electronics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
electronics@mdpi.com

[mdpi.com/journal/
electronics](https://mdpi.com/journal/electronics)





Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



[mdpi.com/journal/
electronics](https://mdpi.com/journal/electronics)



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

Prof. Dr. Flavio Canavero

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

Author Benefits

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 (Electrical and Electronic Engineering)

Rapid Publication:

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).