

## Special Issue

# Artificial Intelligence Empowered Internet of Things

### Message from the Guest Editors

This Special Issue aims to introduce the latest breakthroughs in theoretical research, technological innovation and practical application of the combination of AI techniques and IoT, as well as the prospects for its future development. The topics of interest include, but are not limited to, the following:

- Sensor data anomaly detection;
- Data collection and storage;
- Missing data imputation;
- AI and IoT big-data-analytics-based sensing techniques;
- AI and IoT big-data-analytics-based communication techniques;
- Resource management and task scheduling of computing power networks;
- Data security and privacy protection;
- Intelligent data analysis;
- Interpretability for IoT big data analytics;
- New development and combination with other advanced techniques, e.g., cloud computing, digital twins, etc.;
- Relevant industry standards and platforms;
- AI-empowered smart cities.

### Guest Editors

Prof. Dr. Xiangjie Kong

College of Computer Science and Technology, Zhejiang University of Technology, Hangzhou 310023, China

Prof. Dr. Giovanni Pau

Faculty of Engineering and Architecture, Kore University of Enna, 94100 Enna, Italy

### Deadline for manuscript submissions

closed (15 August 2024)



## Electronics

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.6  
CiteScore 6.1



[mdpi.com/si/165106](https://mdpi.com/si/165106)

*Electronics*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[electronics@mdpi.com](mailto: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 guestedited 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).