

## Special Issue

# Artificial Intelligence-Enabled Intelligent Networks and Computing

### Message from the Guest Editors

This Special Issue aims to provide a platform for sharing state-of-the-art research and development in “Artificial Intelligence-Enabled Intelligent Networks and Computing”. Potential topics include, but are not limited to:

- AI network architecture design;
- Applications and scenarios of artificial intelligence networks, such as emergency networks, satellite networks, 6G networks, etc.;
- Communication and network protocols in intelligent networks;
- Satellite-/vehicle-/UAV-based communication systems;
- Performance analysis and anti-jamming techniques for intelligent networks;
- Artificial intelligence in intelligent networks;
- Mobility management and resource allocation in intelligent networks;
- Collaborative computing strategies for intelligent networks;
- Cybersecurity strategies for intelligent networks;
- Real-time data analytics and visualization for networks;
- Adaptive waveform technologies for reliable communications;
- Hardware and software design for intelligent networks;
- Semantic communication and service management for intelligent networks.

---

### Guest Editors

Dr. Zhiyuan Ren

Laboratory of Emergency Communication, Xidian University, Xi'an 710071, China

Dr. Wei Guo

The Key Laboratory of Application Innovation in Emergency Command Technology, Ministry of Emergency Management of the People's Republic of China, Beijing 100013, China

---

### Deadline for manuscript submissions

15 August 2025



## Electronics

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.6  
CiteScore 6.1



[mdpi.com/si/213606](https://mdpi.com/si/213606)

*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 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 (Physics, Applied) / CiteScore - Q1 (Electrical and Electronic Engineering)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.4 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the second half of 2024).