

Special Issue

Security and Privacy in Networks

Message from the Guest Editors

- lightweight security and privacy mechanisms for resource-constrained devices (e.g., IoT, wearable devices, and mobile sensors)
- secure and scalable routing protocols in wireless sensor networks and mobile ad hoc networks
- privacy by Design frameworks and methodologies for system and application development
- privacy-preserving computing applications, including federated learning and secure multi-party computation
- secure data aggregation techniques for distributed systems
- access control and authentication mechanisms for heterogeneous networks
- post-quantum cryptography techniques and their applicability in next-generation networks
- blockchain-based security frameworks for decentralized networks and IoT ecosystems
- intrusion detection and prevention systems (IDPSs) leveraging machine learning and AI
- network anomaly detection for real-time threat identification
- cybersecurity in 5G and beyond: architectures, protocols, and privacy challenges
- security and privacy in edge and fog computing environments

Guest Editors

Prof. Dr. Seokjoo Shin

Dr. Ijaz Ahmad

Dr. Haeyoung Lee

Deadline for manuscript submissions

31 August 2025



Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



mdpi.com/si/226950

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).