Special Issue

New Technologies for Network Security and Anomaly Detection

Message from the Guest Editor

The topic of this Special Issue includes advanced techniques that can contribute to network intrusion or anomaly detection in the modern Internet environment. They include, but are not limited to, the following:

- Innovative network security architectures for intrusion detection;
- Intrusion detection on heterogeneous IoT networks;
- Fog/edge/cloud computing security;
- AI/ML techniques for anomaly detection;
- Advanced cryptographic techniques for intrusion detection:
- Malware/ransomware identification and prevention.

Guest Editor

Prof. Dr. Jongkil Kim

Department of Cyber Security, Ewha Womans University, Seoul 03760, Republic of Korea

Deadline for manuscript submissions

15 December 2025



Electronics

an Open Access Journal by MDPI

Impact Factor 2.6 CiteScore 6.1



mdpi.com/si/223035

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

mdpi.com/journal/electronics





Electronics

an Open Access Journal by MDPI

Impact Factor 2.6 CiteScore 6.1



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).

