

## Special Issue

# Recent Advances in Software Security and Cryptographic Protocols Using Machine Learning

### Message from the Guest Editors

Dear colleagues, We welcome contributions that bridge software engineering, cybersecurity, and data science, including original research, experimental studies, reviews, and case studies. This collaborative effort seeks to advance software security and cryptographic protocols to address the challenges of modern cyber threats. We welcome contributions that cover various topics, including but not limited to, the following:

- Malware detection
- Vulnerability discovery
- Anomaly detection
- Automated threat response
- Deploying machine learning models in the real-world environment
- Decentralized cryptographic protocols
- Blockchain security
- Security and privacy in various fields
- AI-based cryptographic techniques
- Access control and authentication

### Guest Editors

Dr. Seungho Jeon

Department of Computer Engineering (Smart Security), Gachon University, Seongnam-daero 1342, Seongnam-si 13119, Republic of Korea

Dr. KiSung Park

Department of Computer Engineering (Smart Security), Gachon University, Seongnam 13120, Republic of Korea

### Deadline for manuscript submissions

30 November 2025



## Electronics

an Open Access Journal  
by MDPI

Impact Factor 2.6  
CiteScore 6.1



[mdpi.com/si/217485](https://mdpi.com/si/217485)

*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 (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).