

## Special Issue

# New Challenges on Cyber Threat Intelligence

### Message from the Guest Editors

This Special Issue aims to cover the latest techniques in all aspects and challenges, including the construction, operation, and sharing of cyber-threat intelligence systems. Theoretical and practical developments in the implementation and operation of cyber threat intelligence, the latest technical reviews, and surveys on CTI systems are welcomed. The topics of interest for this Special Issue include but are not limited to:

- Design and analysis of CTI system architecture;
- New operation strategy for CTI;
- Data representation model for CTI;
- Data sharing model for CTI;
- Data analysis methodology for CTI;
- Machine learning techniques and tools for CTI;
- Kill-chain model and application for CTI;
- Design and analysis of new evaluation method for CTI;
- Automated and smart tools for data collection, feature classification, and forensic analysis;
- Integration of incident response and digital forensic;
- Application of cyber security and intelligence ;
- Reliability and risk analysis methodology for CTI;
- Cyberattack trend analysis model and system.

### Guest Editors

Prof. Dr. Changhoon Lee

Department of Computer Science & Engineering, Seoul National University of Science and Technology, Seoul, Republic of Korea

Prof. Dr. Yu Chen

Department of Electrical and Computer Engineering, Binghamton University, State University of New York, Binghamton, NY 13902, USA

Dr. Jake (Jaeik) Cho

IBM, Dubai Internet City, Dubai, United Arab Emirates

### Deadline for manuscript submissions

closed (31 December 2021)



## Electronics

an Open Access Journal  
by MDPI

Impact Factor 2.6  
CiteScore 6.1



[mdpi.com/si/28192](https://mdpi.com/si/28192)

*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).