

## Special Issue

# New Trends in Cryptography, Data Security and Privacy with Robust Authentication and Access Control

### Message from the Guest Editors

This Special Issue, hosted by the *Electronics* journal, seeks to explore emerging trends in cryptography, data security, and privacy with a specific focus on fine-grain access control and reliable authentication. By fostering interdisciplinary collaboration and promoting the development of innovative solutions, we aim to pave the way for more secure, privacy-preserving, and reliable digital information systems. Submissions should align with the scope of the Special Issue, including but not being limited to: - Access control encryption; - Fine-grained access control; - Multi-factor authentication; - Context-aware authentication; - Access control and authentication for encrypted data; - Private computing; - Secure multiparty computation; - Crypto-based AI model security; - Privacy-preserving inference; - Secure and privacy-preserving distributed/federated learning. We look forward to receiving your contributions.

### Guest Editors

Dr. Guowen Xu

Dr. Hao Ren

Dr. Jianfei Sun

### Deadline for manuscript submissions

closed (15 October 2024)



## Electronics

an Open Access Journal  
by MDPI

Impact Factor 2.6  
CiteScore 6.1



[mdpi.com/si/196949](https://mdpi.com/si/196949)

*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), CAPus /  
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).