

## Special Issue

# Mobile and Internet of Things Security

### Message from the Guest Editors

The rapid proliferation of mobile devices and IoT technologies has fundamentally transformed our digital landscape, creating unprecedented opportunities for innovation while introducing complex security challenges. This Special Issue focuses on cutting-edge research in mobile and IoT security, encompassing both theoretical foundations and practical implementations. We seek contributions that address security challenges across the entire mobile and IoT ecosystem, from device-level vulnerabilities to network-wide attack, and from privacy preservation to secure data analytics.

- Mobile device security architectures and frameworks;
- IoT device authentication and authorization mechanisms;
- Secure communication protocols for mobile and IoT networks;
- Privacy-preserving techniques for mobile applications and IoT systems;
- AI-driven threat detection and response systems;
- Blockchain applications in mobile and IoT security;
- Edge computing security for mobile and IoT environments;
- Security analytics for mobile and IoT data streams;
- Vulnerability assessment and penetration testing methodologies;
- Secure software development for mobile and IoT platforms;
- HPC security ;
- Quantum Cryptography algorithms and models.

### Guest Editors

Dr. Omar Darwish

Dr. Ola Karajeh

Dr. Anas M. Alsobeh

### Deadline for manuscript submissions

15 April 2026



## Electronics

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.6  
CiteScore 6.1



[mdpi.com/si/255847](https://mdpi.com/si/255847)

*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 guestedited 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).