

Special Issue

Security in Embedded Systems and IoT: Challenges and New Directions

Message from the Guest Editors

With this Special Issue, we would like to focus on new applications of traditional information security techniques, as well as new developments or ideas that help in the use of electronic systems for connectivity and information exchange. The scope of this Special Issue includes but is not limited to:

- IoT security;
- Blockchain and the Internet of Things (IoT);
- Secure Firmware Development;
- Key management centralized and distributed systems;
- Security protocols in embedded communication systems;
- Industrial embedded systems security threats and challenges;
- Embedded systems;
- Real time operating systems vulnerabilities, attacks, and security;
- Trusted computing;
- Sensors data sanity.

Guest Editors

Prof. Dr. Juan Antonio López Ramos

Dr. Antonio David Escobar Molero

Dr. José Antonio Álvarez Bermejo

Deadline for manuscript submissions

closed (31 October 2022)



Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



mdpi.com/si/69665

Electronics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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).