Security in Embedded Systems and IoT: Challenges and New Directions

Guest Editors:

Prof. Dr. Juan Antonio López Ramos
Department of Mathematics, University of Almería, 04120 Almería, Spain

Dr. Antonio David Escobar Molero
Infineon Technologies AG, Am Campeon 1-15, 85579 Neubiberg, Germany

Dr. José Antonio Álvarez Bermejo
Department of Informatics, University of Almería, 04120 Almería, Spain

Deadline for manuscript submissions:
closed (31 October 2022)

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.

mdpi.com/si/69665

Special Issue

Editor-in-Chief

Prof. Dr. Flavio Canavero
Department of Electronics and
Telecommunications,
Politecnico di Torino, 10129
Torino, Italy

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.
High Visibility: indexed within Scopus, SCIE (Web of Science), CAPlus / SciFinder, Inspec, and other databases.
Journal Rank: JCR - Q2(*Electrical and Electronic Engineering*) CiteScore - Q2 (*Electrical and Electronic Engineering*)

Contact Us