

Special Issue

Emerging Topics in Hardware Security

Message from the Guest Editor

We welcome authors to submit research papers on topics related to hardware-based authentication; encryption and secure boot protocols for resource-constrained embedded systems, on novel side-channel analysis attacks and countermeasures, on PUFs for ICs and printed circuit boards (PCBs) capable of providing security, trust and detection of tamper, on hardware Trojan attacks, analysis, detection methods and countermeasures, on supply-chain authentication and hardware assurance methods, on hardware-based security and trust primitives for RFID (radio frequency identification); IoT; autonomous vehicles; embedded medical; and industrial control; communication and other types of critical infrastructure; and on reverse engineering techniques and countermeasures to protect ICs and IPs through obfuscation and active metering schemes.

Guest Editor

Prof. Dr. Jim Plusquellic

Department of Electrical and Computer Engineering, University of New Mexico, Albuquerque, NM 87131, USA

Deadline for manuscript submissions

10 December 2025



Cryptography

an Open Access Journal
by MDPI

Impact Factor 1.8
CiteScore 3.8



mdpi.com/si/201345

Cryptography

MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
cryptography@mdpi.com

[mdpi.com/journal/
cryptography](https://mdpi.com/journal/cryptography)





Cryptography

an Open Access Journal
by MDPI

Impact Factor 1.8
CiteScore 3.8



[mdpi.com/journal/
cryptography](https://mdpi.com/journal/cryptography)



About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

Prof. Dr. Josef Pieprzyk

1. Data61, CSIRO (The Commonwealth Scientific and Industrial Research Organisation), Sydney, NSW 2000, Australia
2. Institute of Computer Science, Polish Academy of Science, 02-668 Warszawa, Poland

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, ESCI (Web of Science), dblp, and other databases.

Journal Rank:

JCR - Q2 (Computer Science, Theory and Methods) /
CiteScore - Q1 (Applied Mathematics)