Special Issue

Advances in Privacy, Security, and Trust: Cryptographic Perspectives from PST2025

Message from the Guest Editors

This Special Issue of *Cryptography* aims to showcase cutting-edge research presented at PST2025, with a focus on cryptographic techniques and their role in addressing contemporary challenges in privacy, security, and trust. As digital systems become increasingly pervasive—spanning critical infrastructure, e-services, and emerging technologies like IoT and blockchain—the need for robust cryptographic solutions has never been greater. We invite submissions that explore innovative cryptographic methods and their applications across interdisciplinary topics, including but not limited to privacy-preserving data analysis, secure multi-party computation, blockchain and distributed ledger security, and side-channel attack countermeasures. This Special Issue welcomes both extended versions of PST2025 conference papers (with at least 50% new material) and original contributions from the wider research community. Submissions should align with the journal's scope and contribute to the advancement of cryptographic theory, design, or implementation in the context of privacy, security, and trust.

Guest Editors

Prof. Dr. Rongxing Lu
School of Computing, Queen's University, Kingston, ON K7L 2N8, Canada

Prof. Dr. Ali Ghorbani
Canadian Institute for Cybersecurity, University of New Brunswick, Fredericton, NB E3B 5A3, Canada

Deadline for manuscript submissions

31 December 2025

Cryptography

an Open Access Journal by MDPI

Impact Factor 2.1
CiteScore 5.0

mdpi.com/si/234854

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

mdpi.com/journal/cryptography

Cryptography

an Open Access Journal by MDPI

Impact Factor 2.1
CiteScore 5.0

mdpi.com/journal/cryptography

About the Journal

Message from the Editor-in-Chief

Cryptography is a new international journal which provides the state-of-the-art forum for original results in all areas of modern cryptography. *Cryptography* is published in open access format: research articles, reviews and other contents are released on the internet immediately after acceptance. Our journal welcomes submissions written from the theory and practices of modern cryptography, so that it may become a forum for exchange of new scientific developments between the cryptographers and the practitioners.
We would be pleased to welcome you as one of our authors.

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)

MDPI