Special Issue

Applied Cryptography

Message from the Guest Editors

Cryptography is essential for establishing trust and ensuring security in the digital world. With the enormous amount of data produced daily, we must guarantee its security and privacy. Moreover, applied cryptography provides a collection of cryptographic primitives to ensure data security and privacy for real applications. This Special Issue aims to investigate new cryptographic primitives for data security and privacy and their applications. We invite submissions for this Special Issue, focusing on cryptographic algorithms, technologies, and practices. Specifically, we are interested in research related to IoT security, quantum cryptography, and cryptographic protocols. Possible topics include, but are not limited to, the following:

- cryptography and cryptanalysis
- applied cryptography
- cryptography for iot and blockchains
- cryptography for secure computing
- cryptography for data protection
- privacy-preserving technologies

Guest Editors

Dr. Yangguang Tian

Surrey Centre for Cyber Security, Department of Computer Science, University of Surrey, Guildford, Surrey GU2 7XH, UK

Prof. Dr. Danda B. Rawat

Department of Electrical Engineering and Computer Science, Howard University, Washington, DC 20059, USA

Deadline for manuscript submissions

20 February 2026

MDPI

About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

Prof. Dr. Danda B. Rawat
Department of Electrical Engineering and Computer Science, Howard University, Washington, DC 20059, USA

Author Benefits

High Visibility:

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

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 24.4 days after submission; acceptance to publication is undertaken in 4.6 days (median values for papers published in this journal in the first half of 2025).

Journal Rank:

CiteScore - Q1 (Computer Science (miscellaneous))