Special Issue

Role of Cryptography in Network Security

Message from the Guest Editors

Cryptography is a crucial part of network security. Network security protects communication networks and their data from unauthorised access, use, disclosure, disruption, modification, or destruction. Cryptography, as a fundamental tool, is used in various aspects of network security to achieve these goals. This Special Issue of *Cryptography* is dedicated to exploring recent advances and innovative approaches in network security powered by cryptography, including 5G/6G networks, IoT, and OT. Specific topics of interest include, but are not limited to:

- Cloud computing security;
- Communication technologies and protocol security;
- Cryptographic security protocols;
- Emerging cryptographic techniques;
- Federate learning;
- Hashing techniques;
- Homomorphic encryption in networks;
- Key distribution and management;
- Real-time cryptography applications;
- Trusted heterogeneous networks.

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Deadline for manuscript submissions

closed (30 November 2024)

Cryptography

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an Open Access Journal by MDPI

Impact Factor 2.1
CiteScore 5.0

About the Journal

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