

Special Issue

Cryptography in Network Security

Message from the Guest Editors

Cryptography is the basic theory of network security and mainly provides security services such as confidentiality, integrity, and availability for information systems. In actual cryptographic applications, common problems include key leaks, implementation loopholes in cryptographic algorithms and protocols, and privacy leaks. Particularly in new environments such as the Internet of Things, the Industrial Internet, and the Internet of Vehicles, special research is needed to adapt the theory and technology of cryptography. This Special Issue invites the submission of both original research articles and reviews. Research areas may include (but are not limited to) the following topics:

- cryptographic algorithm design
- applied cryptography
- cryptographic protocol analysis
- emerging cryptographic techniques
- vulnerability mining and exploitation in cryptography applications
- authentication and biometric security/privacy
- blockchain security/privacy
- Internet of Things, the Industrial Internet, and the Internet of Vehicles security/privacy
- security/privacy of systems based on ML and AI

We look forward to receiving your contributions.

Guest Editors

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About the Journal

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.

Editor-in-Chief

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