Frontiers in Network Security and Cryptography

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Deadline for manuscript submissions:
closed (31 January 2024)

Message from the Guest Editors

Dear Colleagues,

Network security is a multidisciplinary area in computer science and engineering, while cryptography—which evolved from applied mathematics—constitutes the core technology to ensure network security. To protect information systems against potential attacks, network security and cryptography mainly focus on the development and implementation of security mechanisms.

With the developments of computing and communication technologies, new security challenges emerge constantly. To address such new threats, cryptography algorithms and technologies need to be enriched with new elements and developments in mathematics such as number theory and graph theory. In the meantime, new security countermeasures can be proposed on the basis of advancements in cryptography.

This Special Issue is dedicated to exploring the theories and the recent trends in the development of network security as well as the application of cryptography to counter security and privacy problems. We are soliciting contributions (research articles) covering a broad range of topics on frontiers in network security and cryptography.

SpecialIssue

Editor-in-Chief

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Message from the Editor-in-Chief

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