

Special Issue

Frontiers in Network Security and Cryptography

Message from the Guest Editors

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.

Guest Editors

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Prof. Dr. Qi Jiang

Dr. Chunhua Su

Deadline for manuscript submissions

closed (31 January 2024)



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About the Journal

Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

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