



## Quantum Cryptography and Encryption

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### Message from the Guest Editors

Dear Colleagues,

Quantum cryptography and encryption is one of most popular research domains in recent decades. Researchers from multiple disciplines, such as physics, mathematics, computer science, electronics, etc., have worked together to bring up fruitful achievements. Nowadays, theoretical and experimental efforts are focused in many directions: extending the maximum distance of key distribution, increasing the final key rate in terms of both photonic layer and post-processing layer, developing new protocols suitable for a future quantum network, etc.

The purpose of this Special Issue is to gather a collection of articles reflecting the latest developments of quantum cryptography theories and applications. We invite researchers to submit their theoretical or experimental contributions on topics including, but not limited to: quantum key distribution, quantum networking, quantum direct communication, quantum hacking and countermeasure, and quantum random number generation.





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## 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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