

Special Issue

Recent Progress on Quantum Cryptography

Message from the Guest Editor

We hope that this Special Issue will attract research that contributes to a better understanding of quantum cryptography, with the goal of developing innovative applications and technologies that have the potential to have a significant influence on both the practical and theoretical levels. Specifically, articles on designing more robust QKD protocols, establishing more secure quantum networks, and analyzing real-world security risks posed by attacks are being invited. The areas covered may include, but are not limited to, the following:

- Quantum key distribution;
- Quantum networks;
- Quantum repeaters;
- Satellite quantum communications;
- Quantum security analysis;
- Quantum hacking and countermeasures;
- Quantum data locking;
- Quantum random number generation;
- Quantum digital signatures;
- Quantum fingerprinting;
- Quantum secret sharing;
- Quantum Byzantine agreement;
- Quantum e-voting.

Guest Editor

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Deadline for manuscript submissions

closed (15 January 2024)



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About the Journal

Message from the Editor-in-Chief

You are invited to contribute a research article or a comprehensive review for consideration and publication in *Photonics* (ISSN 2304-6732). *Photonics* is an online open access journal covering both the fundamental and applications of optics and photonics. *Photonics* strives to provide an avenue to allow authors to disseminate their scientific findings—both theoretical/ simulations and experimental works—in highly accessible peer-reviewed journal publications. The manuscript in *Photonics* will be handled with quick turnaround production processing time. We welcome authors to submit their manuscripts for publications in *Photonics*. Our goal in *Photonics* is to enable fast dissemination of high impact works to the scientific community.

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