

Special Issue

Quantum Communication and Quantum Information

Message from the Guest Editors

This Special Issue aims to bring together theoretical and experimental advances in quantum communication, quantum information processing, and the fundamental aspects of quantum mechanics. In this Special Issue, original research articles and review papers are welcome. Research areas may include (but are not limited to) the following:

- Quantum key distribution (QKD) and secure communication
- Quantum cryptographic protocols and post-quantum security
- Quantum networks, quantum internet architectures, and distributed quantum computing
- Quantum teleportation and entanglement-based communication
- Quantum error correction, fault tolerance, and quantum information storage
- Quantum information theory and algorithm development
- Hardware implementations of quantum communication and computation
- Hybrid classical-quantum communication systems
- Foundations of quantum mechanics, quantum nonlocality, and contextuality
- Theoretical aspects of quantum information and its implications for physics

We look forward to receiving your contributions.

Assistant

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About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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