Quantum Information, Computation and Cryptography

Guest Editors:

Dr. He-Liang Huang

Dr. Chu Guo

Dr. Zu-En Su

Dr. Shi-Lei Su

Deadline for manuscript submissions:
closed (15 November 2023)

Message from the Guest Editors

The second quantum revolution was founded on fundamental research at the intersection of physics and information science, giving rise to the field we today refer to as quantum information science. This Special Issue will focus on quantum information science, especially quantum communication and quantum computing. It will aim to provide the up-to-date findings in theories and experiments of quantum information science for a broad range of readers. Topics are included, but are not limited to:

- Quantum algorithms
- Quantum computing
- Quantum error correcting codes
- Quantum communication
- Quantum Shannon theory
- Quantum complexity theory
- Quantum networks
- Quantum cryptography
- Quantum information processing
- Quantum metrology and sensing
- Quantum programing
- Quantum machine learning
- Blind quantum computing
- Tensor network states
- Quantum simulations
- Quantum foundations
- Quantum optics
- Geometric quantum computation

SpecialIssue

Editor-in-Chief

Prof. Dr. Flavio Canavero
Department of Electronics and
Telecommunications,
Politecnico di Torino, 10129
Torino, Italy

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

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