Special Issue

New Advances in Quantum Communications and Quantum Computing

Message from the Guest Editors

This Special Issue aims to bring together cutting-edge research on the latest theoretical advancements and experimental breakthroughs in quantum communications and quantum computing. We invite contributions that tackle fundamental challenges, explore novel implementations, and foster interdisciplinary approaches that will shape the next era of quantum technology. Including but not limited to the following topics

- quantum key distribution
- quantum computing
- quantum networks
- quantum communication infrastructure
- postquantum cryptography
- quantum algorithms
- quantum information theory

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The concept of entropy is traditionally a quantity in physics that has to do with temperature. However, it is now clear that entropy is deeply related to information theory and the process of inference. As such, entropic techniques have found broad application in the sciences.

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Editor-in-Chief

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