

Special Issue

Fundamentals and Applications of Quantum Information and Quantum Optics

Message from the Guest Editors

This Special Issue invites contributions that explore the rich interplay between quantum information, optics, thermodynamics, and computing. Whether you are developing novel interferometric techniques, investigating quantum energy fluctuations, or building quantum algorithms, we welcome your insights into how quantum phenomena shape our understanding of information and energy at the most fundamental level. Join us in mapping a quantum landscape that will define the technologies of tomorrow.

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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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