

Special Issue

Interfacing with Quantum Information Processors—Readout and Control

Message from the Guest Editors

This Special Issue will focus on recent advancements in the extracting and processing of information to control quantum processors. We invite submissions of unpublished original papers and comprehensive reviews that explore, but are not limited to, the following research areas:

- Scalable quantum characterization, calibration, and control techniques;
- Advanced measurement strategies in quantum systems;
- Protocols to mitigate, suppress, or correct errors.

We look forward to your contributions, which will help to advance the field of interfacing with quantum processors and ultimately realize the potential of quantum computing.

Guest Editors

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Deadline for manuscript submissions

closed (30 September 2025)



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About the Journal

Message from the Editor-in-Chief

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.

Entropy is an online open access journal providing an advanced forum for the development and/or application of entropic and information-theoretic studies in a wide variety of applications. *Entropy* is inviting innovative and insightful contributions. Please consider *Entropy* as an exceptional home for your manuscript.

Editor-in-Chief

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