

# Special Issue

## Advances in Quantum Information

### Message from the Guest Editors

Quantum information theory is a hot contemporary topic in physical science. Quantum information theory brings together ideas from classical information theory, quantum mechanics and computer science. Quantum information harnesses the power of quantum mechanics and brings a radical new era of technology. Symmetry phenomena play a very important role in quantum science, such as in classic PT symmetry. This Special Issue invites contributions reporting on developments related to the theory and applications of quantum information, quantum mechanics, quantum transport, quantum chaos, quantum Hall effect systems, quantum phase transitions, etc. Moreover, contributions should fall within the scope of the journal *Symmetry*.

### Guest Editors

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### Deadline for manuscript submissions

closed (31 December 2023)



## Symmetry

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## About the Journal

### Message from the Editor-in-Chief

Symmetry is ultimately the most important concept in natural sciences. It is not surprising then that very basic and fundamental research achievements are related to symmetry. For instance, the Nobel Prize in Physics 1979 (Glashow, Salam, Weinberg) was received for a unified symmetry description of electromagnetic and weak interactions, while the Nobel Prize in Physics 2008 (Nambu, Kobayashi, Maskawa) was received for the discovery of the mechanism of spontaneous breaking of symmetry, including CP symmetry. Our journal is named *Symmetry* and it manifests its fundamental role in nature.

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### Editor-in-Chief

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