

# Special Issue

## Physics and Symmetry Section: Review Papers

### Message from the Guest Editors

As Associate Section Editor-in-Chief for “Physics and Symmetry”, I am happy to announce the latest Special Issue, “Physics and Symmetry Section: Review Papers”. This Special Issue aims to cover recent advances in physical aspects of symmetry. Symmetry is one of the most important and fundamental concepts on the whole physics world. Symmetry of the physical system is related to invariance under transformations. Physical symmetries are mathematically represented by group theory and used to classify physical states, analyze observed data, and construct theoretical models. Additionally, this Special Issue is open to related topics of “Physics and Symmetry”. There is a lot of work involved in applying symmetry and symmetry breaking to a variety of physical systems. We would like to call for review papers in physical aspects of symmetry.

### Guest Editors

Prof. Dr. Tomohiro Inagaki

1. Information Media Center, Hiroshima University, 1-7-1, Kagamiyama, Higashi-Hiroshima, Hiroshima 739-8521, Japan
2. Core of Research for the Energetic Universe, Hiroshima University, Higashi-Hiroshima 739-8526, Japan

Prof. Dr. Tianjun Li

Institute of Theoretical Physics, Chinese Academy of Sciences, Beijing 100190, China

### Deadline for manuscript submissions

closed (31 March 2023)



## Symmetry

an Open Access Journal  
by MDPI

Impact Factor 2.2  
CiteScore 5.3



[mdpi.com/si/54109](https://mdpi.com/si/54109)

*Symmetry*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[symmetry@mdpi.com](mailto:symmetry@mdpi.com)

[mdpi.com/journal/  
symmetry](https://mdpi.com/journal/symmetry)





# Symmetry

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.2  
CiteScore 5.3



[mdpi.com/journal/  
symmetry](https://mdpi.com/journal/symmetry)



## 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.

---

### Editor-in-Chief

Prof. Dr. Sergei Odintsov

1. ICREA, 08010 Barcelona, Spain

2. Institute of Space Sciences (IEEC-CSIC), C. Can Magrans s/n, 08193 Barcelona, Spain

---

### Author Benefits

#### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

#### High Visibility:

indexed within SCIE (Web of Science), Scopus, CAPlus / SciFinder, Inspec, Astrophysics Data System, and other databases.

#### Journal Rank:

JCR - Q2 (Multidisciplinary Sciences) / CiteScore - Q1 (General Mathematics)