

# Special Issue

## Symmetry in Impact Mechanics of Materials and Structures

### Message from the Guest Editor

Symmetry simplifies analyses of complex systems and plays a key role in optimizing material properties, improving design efficiency, and ensuring structural safety. By applying symmetry, researchers can gain a deeper understanding of material and structural behavior under impact loading, enabling more accurate predictions of response and failure mechanisms. This Special Issue explores how symmetry influences the dynamic response of materials, structural stability, and design optimization, promoting a closer integration of theory and engineering practice. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but not limited to) the following: Material Response; Structural Stability; Numerical and Experimental Integration; Engineering Applications; Artificial Intelligence; Sensor Design.

---

### Guest Editor

Dr. Hao Jiang

College of Mechanical and Electrical Engineering, Northeast Forestry University, Harbin, China

---

### Deadline for manuscript submissions

31 January 2027



# Symmetry

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.2  
CiteScore 5.2



[mdpi.com/si/227890](https://mdpi.com/si/227890)

*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 5.2



[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  
ICREA, 08010 Barcelona and 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)