

Special Issue

Symmetry, Finite Element Analysis, and Intelligent Sensing and Monitoring: Applications in Engineering

Message from the Guest Editors

This Special Issue aims to synthesize state-of-the-art developments in the area of finite element analysis, symmetry modelling, and intelligent sensing. Papers related to the new developments of finite element analysis with respect to theoretical, computational, models and experimental techniques, as well as their applications in science and technology, will be considered. Papers that cover a broad range of issues including (but not limited to):

- Finite element analysis;
- Multi-sensor measurement;
- Structural health monitoring;
- Deformation analysis;
- Intelligent sensing;
- Geometric modelling.

Submit to our Special Issue at:

https://www.mdpi.com/journal/symmetry/special_issues/finite_element_analysis_symmetry_applications_engineering.

Guest Editors

Prof. Dr. Xiangyang Xu

School of Rail Transit, Soochow University, Suzhou 215006, China

Prof. Dr. Hao Yang

School of Transportation and Civil Engineering, Nantong University, Nantong 226019, China

Deadline for manuscript submissions

closed (31 March 2024)



Symmetry

an Open Access Journal
by MDPI

Impact Factor 2.2
CiteScore 5.3



[mdpi.com/si/91588](https://www.mdpi.com/si/91588)

Symmetry
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
symmetry@mdpi.com

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