



*symmetry*

an Open Access Journal by MDPI



## Symmetry: Recent Developments in Engineering Science and Applications

Guest Editor:

**Prof. Dr. Vasilis K. Oikonomou**

Physics Department, Aristotle  
University of Thessaloniki, 54124  
Thessaloniki, Greece

Deadline for manuscript  
submissions:

**31 December 2024**

### Message from the Guest Editor

We aim to introduce new insights into science development or cutting-edge technology related to mathematical modeling in engineering science and applications, which are expected to make a great contribution to the community. The Special Issue will feature original research articles with top-level mathematical modeling or experimental outcomes and a strong substantiation of conclusions and results, as well as relevant analytical reviews, on all aspects of symmetry or asymmetry in engineering, materials, energy sciences, and other interdisciplinary areas.

Our aim is to provide a concrete encyclopedia of recent advances in mathematical modeling in engineering science and applications and database for experts, publishing papers with engineering significance that are dedicated to the most up-to-date issues and mainstream topics. Emphasis on review or original research articles will be given, related to cutting-edge technologies and contemporary technology applications. Research articles are expected to have original content and demonstrate clear scientific novelty.



[mdpi.com/si/130461](https://mdpi.com/si/130461)

# Special Issue



an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Sergei D. Odintsov

1. Institutió Catalana de Recerca  
i Estudis Avançats (ICREA),  
Passeig Luis Companys, 23,  
08010 Barcelona, Spain  
2. Institute of Space Sciences  
(ICE-CSIC), C. Can Magrans s/n,  
08193 Barcelona, Spain

## 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.

## Author Benefits

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

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

**Journal Rank:** JCR - Q2 (*Multidisciplinary Sciences*) / CiteScore - Q1 (*General Mathematics*); Q1 (*Physics and Astronomy*); Q1 (*Computer Science*)

## Contact Us

Symmetry Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
www.mdpi.com

mdpi.com/journal/symmetry  
symmetry@mdpi.com  
X@Symmetry\_MDPI