

Special Issue

Mechanics of Heterogeneous Solids and Structures

Message from the Guest Editors

This Special Issue of *Symmetry* is dedicated to “Mechanics of Heterogeneous Solids and Structures”. The concept of “heterogeneous solids and structures” seems to be intuitively clear, involving, in particular, composite and discrete media, heterogeneous elastic and plastic structures, layered, reinforced, and perforated plates and shells, etc. Despite the wide variety of diverse problem formulations, they all have common features. As a rule, the domains of fast variation of sought-for solutions emerge along with the areas of smooth behavior. This naturally implies the implementation of powerful asymptotic methods, including homogenization, continualization, and multiple-scale techniques. We equally expect contributions developing novel numerical approaches. We look forward to receiving submissions reporting on advanced formulations concerned with the modeling of continuous and discrete heterogeneous solids and structures.

Guest Editors

Dr. Ludmila Prikazchikova

School of Computing and Mathematics, Keele University, Keele ST5 5BG, UK

Prof. Dr. Igor Andrianov

Chair and Institute of General Mechanics, RWTH Aachen University, Eilfschornsteinstraße 18, D-52062 Aachen, Germany

Deadline for manuscript submissions

28 February 2026



Symmetry

an Open Access Journal
by MDPI

Impact Factor 2.2
CiteScore 5.3



mdpi.com/si/130425

Symmetry
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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)