

Special Issue

Application of Symmetry in Biomechanics

Message from the Guest Editors

We are pleased to announce a Special Issue inviting research contributions on the role of symmetry in biomechanics and sports science, focusing on its multifaceted challenges and unresolved questions. This Special Issue seeks to cover various aspects, including injury prevention, rehabilitation, performance optimization, and biomechanical analysis. Submissions that delve into topics such as individual variability in athletes' symmetry, advancements in measuring and analyzing symmetry in dynamic movements, and the interplay between symmetry and asymmetry in different sports contexts are encouraged. Contributions that investigate training interventions for improving symmetry and longitudinal studies on the long-term effects of symmetry and asymmetry on injury risk and athletic performance are also welcome.

Guest Editors

Prof. Dr. Dragan Mirkov

Prof. Dr. Saša Đurić

Prof. Dr. Vedrana Sember

Deadline for manuscript submissions

closed (30 June 2025)



Symmetry

an Open Access Journal
by MDPI

Impact Factor 2.2
CiteScore 5.3



mdpi.com/si/190962

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)