



symmetry



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Symmetry in Biomechanics

Guest Editors:

Dr. Olivera Knezevic

Faculty of Sport and Physical
Education, University of
Belgrade, 11030 Belgrade, Serbia

Dr. Dimitrije Cabarkapa

Jayhawk Athletic Performance
Laboratory—Wu Tsai Human
Performance Alliance,
Department of Health, Sport and
Exercise Sciences, University of
Kansas, Lawrence, KS 66045, USA

Deadline for manuscript
submissions:

closed (30 June 2024)

Message from the Guest Editors

Building upon the complex and multifaceted concept of asymmetry in sports and biomechanics, we cordially invite researchers to contribute to our upcoming Special Issue to address these unresolved and intriguing issues. Contributions that examine the benefits and drawbacks of asymmetrical development in sports, analyze the effects of natural biomechanical variations, and assess the long-term impacts of symmetry and asymmetry on athletes' careers are particularly welcome. We also encourage submissions that focus on the advancement of measurement technologies in sports settings, the development of training methods that balance asymmetries, and studies that explore athletes' psychological and cognitive responses to symmetry and asymmetry. This Special Issue aims to provide a comprehensive and insightful platform for discussing the multifaceted role of symmetry in sports, offering new perspectives, and contributing to advancing research and practice in this dynamic field.



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Special Issue



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

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.

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Contact Us

Symmetry Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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mdpi.com/journal/symmetry
symmetry@mdpi.com
X@Symmetry_MDPI