



symmetry



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New Insights into Motion Analysis

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Message from the Guest Editors

Dear Colleagues,

The symmetry of human movement is frequently understood as a perfect correspondence between the action of the limbs. A healthy adult's movement is usually symmetrical, which reduces energy costs and the risk of overloading the joints. In clinical practice, the evaluation of (a)symmetry, or more specifically, the degree of movement (a)symmetry, is achieved by assessing both the kinematic and kinetic parameters of movement. The determinants of locomotion are often used to assess the normality of movement in sports or rehabilitation process.

In this Special Issue, we welcome papers exploring and providing new insights into the (a)symmetry of human movements, especially during physical activity, sports or rehabilitation.

Deadline for manuscript
submissions:
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Special Issue



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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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