

Special Issue

Symmetry in Human Factors: Perception and Performance at Work

Message from the Guest Editor

This Special Issue invites contributions of original research work and insightful reviews that synthesize the current knowledge, as well as discussion of the current needs, future challenges, and opportunities in the broad area of “Symmetry in Human Factors: User Perception and Performance at Work”. The purpose of this Special Issue is to advance the state of the art in theoretical or applied studies and extend the current methods and approaches, including mathematical modeling and simulation efforts, to the human-centered design of broadly defined work systems, workplaces, service systems, natural and synthetic environments, consumer products, and everyday human activities. Contributions should improve our current understanding of the symmetry between user needs and system design requirements from the perspective of human–technology interactions and interfaces from the individual, social, technical, and organizational dimensions, including consideration of usability, system performance, training requirements, effectiveness, and safety.

Guest Editor

Prof. Dr. Waldemar Karwowski

Institute for Advanced Systems Engineering, University of Central
Florida, Orlando, FL 32816, USA

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Symmetry
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
symmetry@mdpi.com

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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

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