



symmetry



an Open Access Journal by MDPI

Advances in Computer Vision, Pattern Recognition, Machine Learning and Symmetry

Guest Editors:

Dr. João Ruivo Paulo

Institute of Systems and Robotics, University of Coimbra, 3004-531 Coimbra, Portugal

Dr. Cristina P. Santos

Center for MicroElectroMechanical Systems (CMEMS), University of Minho, 4710-057 Braga, Portugal

Dr. Gabriel Pires

1. Institute of Systems and Robotics, University of Coimbra, 3030-290 Coimbra, Portugal
2. Polytechnic Institute of Tomar, 2300-313 Tomar, Portugal

Message from the Guest Editors

Dear Colleagues,

Machine intelligence is no longer a science fiction utopia but rather a very present reality. It has been evolving rapidly within the fields of computer vision, pattern recognition, machine learning, and symmetry. It is a daunting task to try and keep up with the abundance of new publications that present the most recent advancements within each field. As such, this Special Issue is dedicated to presenting and aggregating recent advancements in these research fields, spread across a universe of applications, such as industry, medicine, robotics, biotechnology, mechanical engineering, and others, as well as in fundamental and theoretical forms.

Deadline for manuscript submissions:

closed (30 June 2024)



mdpi.com/si/101307

Special Issue



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Sergei Odintsov

1. Institució Catalana de Recerca
i Estudis Avançats (ICREA),
Passeig Luis Companys, 23,
08010 Barcelona, Spain
2. Institute of Space Sciences
(ICE-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.

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)

Contact Us

Symmetry Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/symmetry
symmetry@mdpi.com
X@Symmetry_MDPI