

Special Issue

Symmetry/Asymmetry Advances in Visible and Thermal Imaging

Message from the Guest Editors

Symmetry/asymmetry is a very important issue in visible and thermal imaging, as it allows us to know whether there is balance or repetition of a structure or pattern within an image in relation to an axis or reference point. Specifically, thermographic images allow us to know whether a thermal equilibrium exists between areas or regions of interest, increasing the accuracy of analysis, as thermal asymmetry may indicate a change, defect, or anomaly. On the other hand, artificial intelligence has also had an impact in this field, allowing the integration of machine learning or deep learning techniques together with visible and thermal imaging to obtain symmetries or asymmetries directly. For these reasons, the aim of this Special Issue is to publish novel scientific articles on advances in symmetry/asymmetry in visible and thermal imaging. Finally, it is important to note that it is not limited to any technique or application, so all original articles and reviews that meet the main objective are welcome.

Guest Editors

Prof. Dr. Irving A. Cruz-Albarran

Artificial Intelligence Systems Applied to Biomedical and Mechanical Models, Faculty of Engineering, Autonomous University of Queretaro, Campus San Juan del Rio, Rio Moctezuma 249, Col. San Cayetano, San Juan del Rio 76807, Queretaro, Mexico

Prof. Dr. Luis Alberto Morales-Hernández

Mechatronics, Faculty of Engineering, Autonomous University of Queretaro, Campus San Juan del Rio, Rio Moctezuma 249, Col. San Cayetano, San Juan del Rio 76807, Queretaro, Mexico

Deadline for manuscript submissions

31 December 2025



Symmetry

an Open Access Journal
by MDPI

Impact Factor 2.2
CiteScore 5.3



mdpi.com/si/231781

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)