



Symmetry and Ferromagnetic Materials

Guest Editor:

Dr. Senfu Zhang

School of Physical Science and
Technology, Lanzhou University,
Lanzhou, China

Deadline for manuscript
submissions:

30 November 2024

Message from the Guest Editor

Dear Colleagues,

Symmetry plays a fundamental role in understanding and characterizing the behavior, properties, and phenomena exhibited by ferromagnetic materials. By exploring various aspects of symmetry, crystal structures, geometry, magnetic anisotropy, symmetry breaking, and magnetic domains, our aim is to provide readers with a comprehensive understanding of the intricate interplay between symmetry and ferromagnetism. This understanding is crucial for unraveling the fundamental aspects of magnetic materials and advancing applications in fields such as magnetic storage and spintronic devices. In this Special Issue, we invite contributions that shed light on the captivating world of symmetry and its impact on ferromagnetic materials, revealing the hidden secrets of the magnetic world.

We eagerly await your valuable contributions.

Dr. Senfu Zhang

Guest Editor





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Sergei D. 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