



symmetry

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Symmetry and Ferromagnetic Materials

Guest Editor:

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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



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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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