Special Issue

Topics in Nanocomposites and Magnetic Materials: Symmetric/Asymmetric Applications

Message from the Guest Editors

Symmetry and asymmetry play pivotal roles in understanding and enhancing the behavior, properties, and phenomena of nanocomposites and magnetic materials. This Special Issue will explore various aspects of symmetry, focusing on how symmetric and asymmetric structures affect the performance and functionality of advanced materials. By delving into topics such as crystal structures, magnetic anisotropy, symmetry breaking, and domain behavior, we aim to provide a comprehensive view of the ways symmetry and asymmetry influence applications in magnetic storage, spintronics, and energy storage. We invite contributions that illuminate the interplay between symmetry and functionality, offering insights into the vast potential of these materials in cutting-edge technologies. We eagerly await your valuable contributions.

Guest Editors

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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

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