

Advances in Metallic Material and Symmetry/Asymmetry

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Message from the Guest Editors

Symmetry is a basic feature of metallic materials. The properties and behavior of materials used in engineering systems daily correlate with the symmetry concept, being determined by the symmetry features on many levels of microstructure, from point defects to texture. The intentional use of symmetrical and/or asymmetrical structures in mechanical engineering, materials science, solid materials, as well as in many other fields of application allows progress in the use of functional materials today.

This Special Issue invites researchers to submit original research papers related to materials science, mechanical engineering, and various applications of metallic materials in crystalline and also noncrystalline state where theoretical or practical issues of symmetry are considered.





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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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