

Special Issue

Materials Science and Symmetry

Message from the Guest Editor

From the traditional “heat it and beat it” and the “structure-property-processing” science to architected microstructures and programmable metamaterials, the field of materials science has progressed beyond what the pioneers had earlier imagined. Alongside this development, our understanding of materials science has been intrinsically linked to the microstructural geometry of both naturally occurring and artificially created materials. This Special Issue is thus launched to celebrate the area of materials science in all its sub-fields, in their broadest sense possible, with a special focus on the role of micro-lattice symmetry in governing the effective physical properties of new materials.

Guest Editor

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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.

Editor-in-Chief

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