Special Issue

Symmetry/Asymmetry Studies with Structural Chemistry

Message from the Guest Editors

In the last 20 years, the alteration of material properties to suit the needs of industries has taken a lot of effort, and there are numerous scientific areas that are concerned with this issue. The process of selecting materials featuring micro- and nanostructures, along with the manipulation of their physical states and/or properties, enables the enhancement of their inherent properties. This manipulation significantly improves their performance and paves the way for innovative applications across a spectrum of industries. This has always been a multidisciplinary field and thus the application of such "smart" materials is vast. These materials are indispensable in the field of pharmaceuticals where targeted application is key. Thus, the study of their symmetry and asymmetry within this realm of structural chemistry has demonstrated importance in a manner that allows them to become suitable vessels on a micro/nano scale.

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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.

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