Special Issue

Symmetry in Aerospace Sciences and Applications

Message from the Guest Editors

Symmetry is an intrinsic connection between mathematics and physics, serving as a cornerstone in developing mathematical principles and physical laws that allow modern aerospace sciences and technologies to thrive. This Special Issue intends to offer featured research on symmetry/asymmetry in aerospace sciences and applications. We invite contributions of theoretical, experimental, and numerical studies on all relevant topics, with emphasis on but not limited to newly proposed symmetry theories, findings of symmetry/asymmetry phenomena or patterns, novel applications of symmetry theories or concepts, technical innovations of symmetry/asymmetry devices, symmetry/asymmetry in numerics and modeling, symmetry and reduction, and symmetry breaking. Through this Special Issue, we aim to demonstrate how symmetry can advance our understanding of scientific problems and promote state-of-the-art technologies in aerospace research.

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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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