



*symmetry*



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## Symmetry and Its Application in Aeronautical Engineering

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**closed (31 March 2024)**

### Message from the Guest Editors

When looking at the behavior of applications in aerospace engineering, it is common for phenomena or symmetric geometries to occur. The treatment and analysis of the symmetric nature of the operations, processes, and/or systems that comprise them allows them to be understood more holistically.

The application of behavior and symmetry in aeronautical engineering can be performed at multiple levels, from a manufacturing and application perspective to a microscopic application behavior level.

The purpose of this Special Issue is to encourage original research papers across a wide range of areas related to aeronautical engineering, where theoretical or practical results of symmetry can be applied. We are soliciting contributions on a wide range of topics related to symmetry and its applications in aeronautical engineering...



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**Special** Issue



## Editor-in-Chief

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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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