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Advances in Composite Materials and Structures: Processing, Properties and Applications

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Message from the Guest Editor

Composites have evolved multifold due to demands from various sectors. The limits have been pushed in regard to the application requirements of constituent elements, symmetric and asymmetric, utilized in different matrices and combinations thereof at nano to macro scale. Composites can vary based on the processing methodology adopted and, hence, require detailed attention when choosing suitable/appropriate processing parameters with an aim towards minimizing inherent defects. The choice of manufacturing depends on the application, the complexity of the shape and the target properties required. The aim of this Special Issue is to explore advances in composite materials and structures with a specific focus on the processing, properties and applications in order to provide a consolidated basis for improved modelling, design and manufacturing. Original research works and review articles related to advances in composite materials and structures are encouraged.



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Special Issue



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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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