

Special Issue

Multifunctional Composites and Structures for Aerospace and Mechanical Applications

Message from the Guest Editor

The aim of this Special Issue is to collate the most recent research advancements in the fields of aerospace and mechanical engineering, with special consideration given to composite applications. As the of this Special Issue, I kindly invite you to submit full research articles and reviews addressing (but not limited to) the following topics:

- Structural design of aircrafts using composites;
- Optimal design of aircrafts using composites;
- Structural analysis of design results;
- FEM analysis;
- Composite damage criteria;
- Application of fiber composites in aircrafts;
- Application of sandwich composites in aircrafts;
- Impact damage of aerospace structures;
- Composite specimen test of structural design for aerospace structures;
- Evaluation of mechanical properties using numerical method for composite structures;
- Evaluation of mechanical properties using specimen test for composite structures;
- Manufacturing process of composite structures for aerospace engineering;
- Manufacturing method of composite structures;
- Structural test of aircrafts.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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