

## Special Issue

# Advanced Composites and Hybrid Materials

### Message from the Guest Editor

We invite you to contribute to the Special Issue on "Advanced Composite and Hybrid Materials". The aim is to collate researchers and experts in the field of composite materials, showcasing their latest findings and advancements. We aim to create a comprehensive collection of articles encompassing the diverse aspects of advanced composite and hybrid materials, bridging the gap between theory and application and fostering a deeper understanding of these materials and their potential across various industries. In this Special Issue, we welcome original research articles and reviews. Research areas may include (but are not limited to) the following:

- Phase-field models of composite materials, including metal-matrix composites;
- Structural analyses of composite laminates and sandwiches;
- Composites in MEMS and NEMS;
- Nonlocal analysis of composites;
- Experimental analysis of composites at different scales, from nano to large scales;
- Innovative fabrication techniques for advanced composites;
- Multiscale modeling and simulation of composite materials;
- Characterization and testing of hybrid materials;
- Sustainable composite materials.

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### Guest Editor

Dr. Hossein Darban

Institute of Fundamental Technological Research, Polish Academy of Sciences, 02-106 Warsaw, Poland

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### Deadline for manuscript submissions

closed (20 April 2024)



## Applied Sciences

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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.

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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
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