

Special Issue

Advances in Thermal and Mechanical Properties of Polymeric Composites

Message from the Guest Editor

The market for the production of new-generation materials is dominated by composites, where a second component is added to a polymer matrix to enhance its properties. The growing use of composite polymeric materials, and the increase in the diversification of applications, from the less important to the more structural ones, obliges researchers both in the industrial and academic fields to push further into their characterization. Considering the most requested applications, such as performance at high temperatures and the possibility of introducing recycled elements into the composite, the thermal and mechanical properties are the most investigated, relying, among other things, on various instrumental techniques. For this Special Issue, we are interested in articles that explore the progress in the thermal and mechanical properties of polymeric composites. Potential topics include, but are not limited to, the following:

- The thermal characterization of polymeric composite materials;
- The mechanical characterization of polymeric composite materials;
- The thermal properties of composites for energy applications.

Guest Editor

Prof. Dr. Ignazio Blanco

Department of Civil Engineering and Architecture, University of Catania,
Viale A. Doria 6, 95125 Catania, Italy

Deadline for manuscript submissions

closed (30 June 2024)



Applied Sciences

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MDPI, Grosspeteranlage 5
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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

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

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