

Special Issue

Mechanical Behavior of Composite Materials (3rd Edition)

Message from the Guest Editor

After our successful first two volume of the Special Issue “[Mechanical Behavior of Composite Materials](#)”, we have decided to create the 3rd volume, in order to collect and publish a series of state-of-art research in mechanical behaviors of composites materials. The appearance of composite materials was a revolution in the field of materials due to their high mechanical properties and lightness. This opened up important expectations for their use in technological components that required stronger and lighter materials. When we talk about mechanical properties, we also talk about fatigue, fracture and creep, and even the strength of adhesive joints, if one of the adhesives is a composite. Another point of recent importance is the additive manufacturing of composites and the modifications that this new configuration of materials brings to the usual study of mechanical properties. In short, this special issue contains all the contributions that allow us to disseminate a better understanding of this exciting family of materials from the point of view of their mechanical properties.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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