



Composite Structures Reinforced by Nano Materials: Applications, Theories and Experiments

Guest Editors:

Dr. Babak Safaei

Dr. Zhaoye Qin

Prof. Dr. Tien-Chien Jen

Dr. Rasool Moradi-Dastjerdi

Deadline for manuscript
submissions:

closed (31 October 2022)

Message from the Guest Editors

Dear Colleagues,

Composite materials have become the center of attention in both applied research and basic science, because of their great technological potential in producing new materials, which can outperform materials available today.

Possible combinations of matrices, reinforcing agents and technological procedures not only provide extensive options for designers, but also extend research fields required to achieve all requested information for safe designs.

This Special Issue aims to solicit recent promising developments in nanomaterial-reinforced composite structures simulation, characterization, and modeling, in terms of both design and manufacturing, including industrial scale and experimental case studies.

Keywords:

- Composite structures;
- Nanocomposites;
- Biomedical composites;
- Fiber-reinforced composites;
- Manufacturing, processing, properties and performance;





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo

Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q2 (*Engineering, Multidisciplinary*) / CiteScore - Q1 (*General Engineering*)

Contact Us

Applied Sciences Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/applsci
applsci@mdpi.com
X@Applsci