

Special Issue

Geometrical and Structural Design of Load Bearing Composites, Volume II

Message from the Guest Editor

The Special Issue, “Geometrical and Structural Design of Load Bearing Composites”, aims to bring you the latest advances in composite materials, where the focus is on geometrical design optimisation and its influence on mechanical behaviour. Mechanical behaviour guides the way in which we design and use structures and components in a wide variety of industrial settings (e.g. aerospace, automotive, defence, renewable energy, biomedical, construction). High-end properties such as strength, stiffness, impact-resistance, and fatigue life, are important to couple to low weight, low cost and ease of manufacturing. Cellular solids and the structural arrangement of composites are examples of enablers of such couplings, but there remains considerable room for further advancements in the science, engineering and mechanical design in each of these areas. Original research papers, short communications and review articles are solicited for this Special Issue.

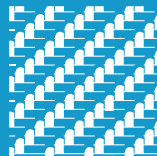
Guest Editor

Dr. Parvez Alam

School of Engineering, Institute for Materials and Processes, The University of Edinburgh, Sanderson Building, Robert Stevenson Road, Edinburgh EH9 3FB, UK

Deadline for manuscript submissions

closed (1 November 2023)



Journal of Composites Science

an Open Access Journal
by MDPI

Impact Factor 3.7
CiteScore 5.8



mdpi.com/si/148687

Journal of Composites Science
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
jcs@mdpi.com

mdpi.com/journal/

[jcs](https://jcs.mdpi.com)





Journal of Composites Science

an Open Access Journal
by MDPI

Impact Factor 3.7
CiteScore 5.8



[mdpi.com/journal/
jcs](https://mdpi.com/journal/jcs)



About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

Dr. Francesco Tornabene
Department of Innovation Engineering, University of Salento, 73100
Lecce, Italy

Author Benefits

Open Access:

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

High Visibility:

indexed within Scopus, ESCI (Web of Science), Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Materials Science, Composites) / CiteScore - Q1 (Engineering (miscellaneous))