

Special Issue

Fiber-Reinforced Polymer and Ceramic Composites: Fracture Mechanics

Message from the Guest Editor

The aim of this Special Issue is to focus on collecting recent research studies and review papers on fracture mechanics and the improvement of test methods to determine Mode I, Mode II, Mode III, or mixed-mode delamination growth of fiber-reinforced polymer and ceramic composites. Moreover, the editors invite research works to be published in this Special Issue regarding finite element model and the simulation of fracture tests such as cohesive zone modeling. Any other experimental, theoretical, and numerical work associated with the mechanism of delamination growth in fiber-reinforced polymer and ceramic composites will be a good fit with the scope of this Special Issue.

Guest Editor

Dr. Munshi Mahbubul Basit
Department of Mechanical Engineering, Tuskegee University,
Tuskegee, AL 36088, USA

Deadline for manuscript submissions

closed (31 July 2024)



Fibers

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Fibers
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
fibers@mdpi.com

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About the Journal

Message from the Editor-in-Chief

Fibers is intended as an integrative platform, bringing together specialists with expertise concerning a large range of biological, synthetic, metallic and mineral fibers. The intent is to bring together scientists who would otherwise be unlikely to encounter each other's findings. By facilitating communication across specialties, the journal will advance understanding of the underlying commonality of many physical and chemical aspects of fibers.

We welcome submission of manuscripts from a diverse range of disciplines relating to many types of fibers utilizing a variety of research approaches.

Editor-in-Chief

Prof. Dr. Martin J. D. Clift

In Vitro Toxicology Group, Institute of Life Sciences 1, Swansea University Medical School (SUMS), Swansea SA2 8PP, Wales, UK

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 23.1 days after submission; acceptance to publication is undertaken in 5.7 days (median values for papers published in this journal in the second half of 2025).