



Simulation of Short-Fiber-Reinforced Polymers

Guest Editor:

Prof. Dr. Markus Stommel

Leibniz-Institute of Polymer
Research Dresden e.V., Hohe Str.
6, 01069 Dresden, Germany

Deadline for manuscript
submissions:

closed (30 September 2021)

Message from the Guest Editor

Dear Colleagues,

In order to meet the requirements of engineering for a comprehensive numerical description of short-fiber-reinforced polymers (SFRPs), extensive research activities have been carried out over the last several decades. The increased performance of numerical simulation tools on the one hand, and especially a deeper understanding of SFRPs and holistic modelling approaches on the other, have contributed to the development of simulation tools that allow much more realistic results for SFRPs.

This Special Issue "Simulation of Short-Fiber-Reinforced Polymers" intends to cover recent advances in simulating SFRPs and using the simulation results obtained appropriately. It addresses contributions from researchers working in the fields of process and structural simulations as well as component design/dimensioning and material characterization of SFRPs.

Prof. Dr. Markus Stommel

Guest Editor





fibers



an Open Access Journal by MDPI

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

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.

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), PubAg, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank: JCR - Q2 (*Materials Science, Multidisciplinary*) / CiteScore - Q1 (Civil and Structural Engineering)

Contact Us

Fibers Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/fibers
fibers@mdpi.com
X@JFibers