

Special Issue

Mechanical Behaviour of Reinforced Thermosetting Polymers with Fibers: Analytical/Numerical Models and Experimental Evidence

Message from the Guest Editors

Recent manufacturing advancements have led to the manufacture of reinforced polymeric composites with the incorporation of natural and inorganic fillers into thermoplastic or thermosetting polymeric matrices. This kind of reinforced material can replace common materials used for example in construction. Therefore, the editors of this Special Issue want to group a high number of studies that focuses mainly on the analytical/numerical models, including experimental evidence, to predict the effects of the incorporation of natural and inorganic fillers into thermoplastic or thermosetting polymeric matrices, in order to manufacture reinforced polymeric composites able to replace traditional materials. **Keywords:**

- natural fibers
- inorganic fillers
- reinforcement
- thermoplastic polymeric matrices
- thermosetting polymeric matrices
- analytical models
- numerical models
- experimental evidence

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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

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