



Fiber Reinforced Thermoplastic Composites: Processing/Structure/Performance Inter-relationships, 2nd Edition

Guest Editors:

Dr. Abderrahmane Ayadi

Centre for Materials and Processes, Institut Mines-Télécom, IMT Nord Europe, Douai, France

Prof. Dr. Patricia Krawczak

IMT Nord Europe, Institut Mines Télécom, University of Lille, Centre for Materials and Processes, F-59653 Villeneuve d'Ascq, France

Deadline for manuscript submissions:

30 October 2024

Message from the Guest Editors

Dear Colleagues,

Building on the groundwork laid by the first part of this Special Issue, this second part encourages further exploration into the long-term durability, scalability, and holistic performance evaluation of these composites. This Special Issue seeks contributions that explore the tight inter-relationships between the processing, structure, and performance of FRT composites. It is structured around several key thematic clusters:

Composite Material Development;
Process Optimization and Advanced Manufacturing;
Advanced Hybrid Experimental and Numerical Techniques;
Sustainability, Circularity, and Environmental Impact;

This second edition of our Special Issue invites the scientific community to engage deeply with these advanced developments and strategic evaluations, which could significantly enhance the scientific and practical relevance of fiber-reinforced thermoplastic composites, spurring further innovations in this dynamic field.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Alexander Böker

Lehrstuhl für Polymermaterialien
und Polymertechnologie,
University of Potsdam, 14476
Potsdam-Golm, Germany

Message from the Editor-in-Chief

Since its foundation in 2009, *Polymers* has developed into an internationally renowned, extremely successful open access journal. The editorial team and the editorial board dedicatedly combine open-access publishing and high-quality rigorous peer reviewing. The performance of the journal has proven this strategy to be well-suited and highly successful. This is reflected in the increasing impact factor of *Polymers*, the most recent one being 5.0.

I would like to invite you to contribute to the success of the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

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), Ei Compendex, PubMed, PMC, FSTA, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank: JCR - Q1 (*Polymer Science*) / CiteScore - Q1 (*Polymers and Plastics*)

Contact Us

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

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

mdpi.com/journal/polymers
polymers@mdpi.com
X@Polymers_MDPI