

## Special Issue

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

### Message from the Guest Editors

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.

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### Guest Editors

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### Deadline for manuscript submissions

31 December 2025



## Polymers

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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 4.7.

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.

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### Editor-in-Chief

Prof. Dr. Alexander Böker

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