

## Special Issue

# Advanced Experimental Mechanics in Polymer Composites Testing

### Message from the Guest Editor

The Special Issue titled “Advanced Experimental Mechanics in Polymer Composites Testing” aims to highlight innovative approaches and methodologies in the testing and analysis of polymer composites. As these materials gain prominence in various sectors, including aerospace, automotive, and construction, understanding their mechanical behavior under diverse loading conditions becomes paramount. This Issue will feature a collection of original research article/review papers that explore the mechanical characterization of polymer composites, including tensile, compressive, and impact testing, as well as the effects of environmental factors on their performance. Additionally, interdisciplinary studies that combine experimental results with computational modeling to enhance material understanding will be welcomed. By fostering collaboration among researchers and industry professionals, this Special Issue aims to advance the field of polymer composites and promote innovative testing strategies.

### Guest Editor

Prof. Dr. Wenfeng Hao

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### Deadline for manuscript submissions

15 December 2025



## Polymers

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**Impact Factor 4.9**  
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### 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 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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