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## Advances in Functional Polymers and Composites

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Deadline for manuscript submissions:

**30 November 2024**

### Message from the Guest Editors

Dear Colleagues,

Polymers and composites are advanced in terms of product efficiency, cost effectiveness, lightweight, good designability, flexibility for manufacturing, etc. This Special Issue, seeks to publish the cutting-edge research and recent advances in functional polymers and composites, including but not limited to the structural design, mechanics, molding processes, machining and assembly techniques, defect detection methodologies, characterization, and the functional evaluation of polymers and composites.

This Special Issue extends a warm invitation for contributions pertaining to but not limited to the following domains:

- Advances in polymer and composites;
- Machining theories and technologies;
- Multiscale mechanics;
- Structural health monitoring;
- Functional evaluation and analysis;
- Smart materials and structures;
- Fatigue and structural integrity.

Prof. Dr. Bing Wang  
Prof. Dr. Chenglong Guan  
Prof. Dr. Lihua Zhan  
Guest Editors



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# Special Issue



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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 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.

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