

Special Issue

Advances in Tribology of Polymer Composites

Message from the Guest Editors

The Special Issue aims to present original articles or reviews on polymer tribology. Polymer composite materials have been increasingly used for tribological applications in recent years due to their excellent self-lubricating behavior and mechanical property. This Special Issue on Polymers focuses on research on friction and wear mechanisms, new methods of tribological testing of polymers, and the development of new polymer lubricating materials. Articles in the Special Issue may apply to polymers, plastics, and polymer-based composites used in all areas of technology and science. The Special Issue will include the best articles on the latest achievements in the field of broadly understood polymer tribology. This Special Issue invites original papers and reviews reporting on recent progress in the following areas:

- Tribological properties of new types of polymers and polymer composites;
- Chemical and physical modifications of polymers to improve their tribological properties;
- Novel self-adaptive or stimuli-responsive intelligent lubricating materials;
- Tribofilm growth processes and mechanisms;
- Methodology of tribological research on polymers.

Guest Editors

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Deadline for manuscript submissions

closed (15 September 2024)



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About the Journal

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 4.9.

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.

Editor-in-Chief

Prof. Dr. Alexander Böker

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