

Special Issue

Editorial Board Members' Collection Series: Polymer Physics and Theory—2nd Edition

Message from the Guest Editors

We are pleased to announce this Collection titled "Editorial Board Members' Collection Series: Polymer Physics and Theory—2nd Edition", which will be a collection of papers invited for publication by the Editorial Board Members. This Special Issue is designed to publish high-quality reviews or article papers dealing with the different issues covered by the journal. The scope of this Special Issue includes, but is not limited to, the following:

- The development of multiscale modeling methodologies, constitutive equations, and new theories;
- The implementation of efficient algorithms and machine learning schemes for structure–property relationship quantification;
- Experimental studies for the preparation and characterization of new polymeric materials, including instrumentation and the development of new measuring devices;
- Developments in view of potential applications in batteries, memory devices, and solar energy;
- Sustainability challenges: polymer materials designed for waste management (bio-based, linear, and crosslinked).

Guest Editors

Prof. Dr. Fahmi Zaïri

Prof. Dr. Matthias Ballauff

Dr. Ulrich Maschke

Prof. Dr. Rufina G. Alamo

Deadline for manuscript submissions

closed (25 April 2025)



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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 4.7.

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.

Editor-in-Chief

Prof. Dr. Alexander Böker

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