

Special Issue

Rheological Properties of Polymers and Polymer Composites

Message from the Guest Editors

- Formulation of new constitutive modeling;
- The study of entanglement dynamics under flow;
- The development of new hierarchical or multi-scale strategies, the linear and nonlinear rheology of ring polymer nanocomposites, associating polymers, and self-assembled systems;
- Non-equilibrium simulation methodologies, well-founded coarse-graining schemes for speeding up the simulations, Brownian or slip-link simulations, numerical simulations, and novel theoretical developments;
- Polymer-filler materials;
- Rheology, the production of neat polymers and nanocomposites;
- How rheology can be useful for mixing and compounding processes.
- Rheological equipment and new developments.

The above list is only indicative and by no means exhaustive; any original theoretical or simulation work or review article on the rheological properties of polymers and polymer nanocomposites will be highly welcome!

Guest Editors

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closed (1 December 2024)



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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.

Editor-in-Chief

Prof. Dr. Alexander Böker

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