

Special Issue

Rheology and Processing of Polymer-Based Materials

Message from the Guest Editors

Polymeric materials perform an important role in the properties of many advanced products such as suspensions, emulsions, binders, lubricants, etc. These products are frequently structured by macromolecules where the interactions between the long-chain components, particles and interfaces determine in a great extent the thermomechanical and interfacial response of the system. Knowledge of the evolution of the rheological and interfacial properties of these systems over a wide range of temperatures and pressures is essential for selecting suitable processing conditions to obtain products with the desired in-service properties. This special issue covers original research papers and reviews on the physicochemical and thermomechanical properties of polymer-based structured fluids with new insights into the structure-processing-engineering properties relationship.

Guest Editors

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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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