

Special Issue

Functional Multiphase Polymer Blends: Flow Induced Morphology in Complex Fluids and Applications

Message from the Guest Editors

In recent years, polymer blends have garnered substantial attention owing to their remarkable versatility and extensive array of applications. We cordially invite contributions that delve into multiple facets of this dynamic field. These include advancements in constitutive modeling, strategies for optimizing morphology through flow-induced processes, pioneering techniques for characterizing flow-induced morphology at various length scales, innovative applications of multiphase complex fluids, the design and development of materials responsive to external stimuli, comprehensive studies on the flow-induced behaviors and applications of colloidal systems in different industrial sectors, and the exploration of sustainable applications, encompassing green energy and environmental remediation. Moreover, we acknowledge the emergence of green solvents in industrial applications, which introduce new challenges in terms of complex fluid stabilization and processing. Sincerely,

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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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