

## Special Issue

# Theory and Simulation of Polymer Dynamics

### Message from the Guest Editor

This issue aims to bring together computational and theoretical approaches for studying the dynamic behavior of polymers in complex fluid environments and the relationship between structure and dynamics in multiscale polymer and biopolymer assembly. Topics of interest may include recent advances in machine learning applied to polymer simulations, coarse-graining, non-equilibrium simulations, multiscale modeling, polyelectrolyte complexation, polymer nanocomposite materials, polymer dynamics, and theoretical and computational advances for studying polymer entanglements, phase separation and multiphase materials, polymer alloys, dynamics in confining geometries, polymer melts, solutions, suspensions, and other complex fluids.

### Guest Editor

Dr. Jay McCarty

Department of Chemistry, Western Washington University, Bellingham, WA 98225-9150, USA

### Deadline for manuscript submissions

closed (31 January 2022)



## Polymers

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Impact Factor 4.9  
CiteScore 9.7  
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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.

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### Editor-in-Chief

Prof. Dr. Alexander Böker

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