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Theory and Simulation of Polymer Dynamics

Guest Editor:

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Deadline for manuscript submissions:
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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 multiphasic materials, polymer alloys, dynamics in confining geometries, polymer melts, solutions, suspensions, and other complex fluids.

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Message from the Editor-in-Chief

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