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Modeling and Simulation in Polymer Processing and Rheology

Guest Editor:

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Message from the Guest Editor

This Special Issue of Polymers, entitled "Modeling and Simulation in Polymer Processing and Rheology" will cover the latest developments in modeling and simulation for polymer processing and rheology. Polymeric flow is a highly complex flow. Polymers are used everywhere. Although there have been tremendous studies since Doi and Edwards' classic theory, highly complex nonlinear behavior is still not fully understood, especially in fast flows. As polymer processing has recently been facing new innovations, such as additive manufacturing and polymer recycling, advancement in modeling and simulation should follow to resolve any newly arising problems. The Issue will consider the current state-of-the-art and highlight the applications of recent processes which have attracted attention. All levels of modeling and simulation from molecular level to continuum level as well as multiscale models are all considered. Both original contributions and reviews are welcome.









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Editor-in-Chief

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Message from the Editor-in-Chief

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