Special Issue

Modeling and Simulation of Polymerization Processes

Message from the Guest Editors

This Special Issue aims to address both new findings on basic topics as well as modeling of emerging aspects of product design and polymerization processes. Topics include but are not limited to:

- Development of new aspects/models and/or improving the existing models on established polymerization processes;
- Development of deterministic and stochastic mathematical methods for modeling of polymerization processes;
- Modeling and simulation of reversible deactivation radical polymerization (RDRP) processes;
- Modeling and simulation of dispersed-phase polymerization processes;
- Modeling and simulation of step-growth polymerization processes;
- Modeling and simulation of polymerization processes using bio-based monomers;
- Modeling and simulation of nonlinear polymerization processes;
- Modeling and simulation of catalytic and enzymatic polymerization processes;
- Modeling of depolymerization and synthesis of hybrid materials;

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