Modeling and Simulation in Polymer Reaction Engineering

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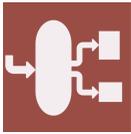Deadline for manuscript submissions:
20 October 2024

Message from the Guest Editor

This Special Issue welcomes original contributions in the broader area of PRE, including (but not limited to) the following methods and applications:

- Modeling and simulation of commodity polymer production processes, in view of optimizing polymer quality or productivity indicators;
- Modeling of processes involving the synthesis or the modification of bio-sourced polymers;
- Modeling of polymer recycling techniques, including solvent-based, mechanical and chemical;
- Modeling of enzymatic or bioorganism-assisted degradation of polymeric materials;
- Exact microstructural modeling of non-linear, multi-monomer or multi-functionnal polymers;
- Modeling of highly dimensional, complex polymerization systems.

Special Issue

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Message from the Editor-in-Chief

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