Modeling, Simulation, Control, and Optimization of Processes

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Message from the Guest Editors

This Special Issue on "Modeling, Simulation, Control, and Optimization of Processes" aims to curate novel advances in process systems engineering (PSE) focusing on sustainable processes. Topics include, but are not limited to, methods and/or applications in the following areas:

- Process Modeling and Simulation;
- Process Optimization;
- Process Synthesis and Design;
- Process Integration and Intensification;
- Process Control and Instrumentation;
- Data Mining and Machine Learning;
- Production Planning and Scheduling;
- Molecular Modeling and Product Design;
- Fault Detection and Diagnostics;
- Digital Twins and other Industrial Applications of PSE Tools.

Special Issue

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Message from the Editor-in-Chief

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