

Special Issue

Multiphase Reaction Process Design and Optimization

Message from the Guest Editors

This Special Issue on “Multiphase Reaction Process Design and Optimization” seeks high-quality works focusing on the latest novel advances in the design and optimization of multiphase reactor processes. Topics include, but are not limited to:

- New measurement techniques to investigate multiphase phenomena in reactors;
- Investigation of reaction kinetics and heat and mass transfer in multiphase systems;
- New model approaches to describe multiphase reactors, including both local phenomena such as the flow of dispersed phases and the large simulation of multiphase reactor processes;
- Application of advance data science such as machine learning to investigate the behavior of multiphase reactors.

Guest Editors

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Prof. Dr. Michael Schlüter

Dr. Maike Baltussen

Deadline for manuscript submissions

closed (15 May 2024)



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Message from the Editor-in-Chief

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Editor-in-Chief

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