Special Issue

Multiscale Modeling and Numerical Simulation of Multiphase Flow

Message from the Guest Editors

This Special Issue on 'Multiscale Modeling and Numerical Simulation of Multiphase Flow' seeks high quality papers focusing on the multiscale simulation of different multiphase flow system. Topics include, but are not limited to:

- Development, verification and validation of advanced multiscale numerical models such as Direct Numerical Simulation, Discrete Element Method, Two Fluid Model, MPPIC, etc.
- Model development for interphase drag, heat and mass transfer.
- Coupling of multiscale models with machine learning.
- Utilization of multiscale models in solving different industrial problems.
- Design and optimization of various industrial reactors using multiscale modeling.

Guest Editors

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

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Editor-in-Chief

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