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Challenges and Research Trends of Multiphase Flow

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Message from the Guest Editor

As we know, multiphase flow is widely encountered and essential in energy and power engineering, chemical engineering, aerospace engineering, biomedical engineering, etc. In last 50 years, both academical and practical achievements have been tremendous. However, there are still great challenges in numerical simulation, measurement techniques, and interdisciplinary research. It is for this reason that we are launching this *Energies* Special Issue titled "Challenges and Research Trends of Multiphase Flow", aiming to introduce recent advances on simulation and measurement methods as well as experimental work with applications in different fields.

The scope of this Special Issue includes but is not limited to multiphase flow in fossil energy utilization, mass production of renewable energy, biomedical engineering, and measurement techniques. High-quality papers may be eligible for discounts in this Special Issue.\

Keywords:

- Gas–liquid two-phase flow
- Gas–solid two-phase flow
- Gas–liquid–solid three-phase flow
- Computational technique
- Measurement technique
- Industry application

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Message from the Editor-in-Chief

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