Special Issue

Multiphase Flows

Message from the Guest Editors

The term “multiphase flow” is used to refer to any fluid flow consisting of more than one phase. The flows could be classified according to the state of the different phases or components and therefore refer to gas/solids flows, liquid/solids flows, gas/particle flows, or bubbly flows and so on. Multiphase flow modelling and metering are key factors for optimal flow design and construction of efficient apparatuses. Over the last few decades, scientists have experimentally studied and developed the models of multiphase Newtonian and non-Newtonian fluid flows. The present Special Issue invites contributions on the topic of multiphase flows, multicomponent flows, and chemical reactors of both experimental and computational studies. Of special interest are submissions from the fields of mechanical and energy engineering, environmental and chemical engineering, chemistry and environmental protection. We welcome both original research articles and review articles.

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Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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