

Special Issue

Heat and Mass Transfer of Multiphase Flow

Message from the Guest Editors

Multiphase flow and its phenomena have been encountered in various application fields, such as fossil energy, renewable energy, hydrogen energy, nuclear energy, power engineering, petrochemical industry, environment and so on. It builds an important bridge between basic theoretical research and industrial engineering practice. It plays an important supporting and irreplaceable role in the breakthrough of energy science theories, the development of energy technologies, and even the revolution of industry and human society systems. Our goal is to include comprehensive review papers and recent experimental, theoretical, and numerical results, related to the study of complexities in describing heat and mass transfer of multiphase flow. In particular, topics of interest include but are not limited to:

- Multiphase flow and heat transfer.
- Interfacial phenomena and energy and mass transfer.
- Modeling and numerical methods of multiphase flow.
- Industrial process multiphase flow (petroleum, nuclear engineering).
- Crossed fields about multiphase flow (medicine, traffic, bionic...).

Guest Editors

Dr. Weixiong Chen

Prof. Dr. Gen Li

Dr. Yubiao Sun

Deadline for manuscript submissions

closed (7 February 2023)



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MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Message from the Editor-in-Chief

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.

Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and Aerospace Engineering, University of Roma Sapienza, Via Eudossiana 18, 00184 Roma, Italy

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