Special Issue

Two-Phase Flow Heat Transfer: Design, Simulation and Optimization

Message from the Guest Editors

Understanding the fundamentals and mechanisms of two-phase flow and heat transfer is continuously needed in order to develop the relevant technology for engineering applications. With the rapid development of various relevant interdisciplinary subjects and technologies, research on two-phase flow and heat transfer is growing much faster today than ever before.

This Special Issue on “Two-Phase Flow Heat Transfer: Design, Simulation, and Optimization” is devoted to presenting recent frontier and progress research in two-phase flow and heat transfer covering microscale, nanoscale, and macroscale research topics from all over the world. Researchers and experts are encouraged to submit research papers summarizing their continuing efforts to tackle various types of heat transfer phenomena in two-phase flows. Contributions dealing with phenomenological understanding, modeling, numerical simulations, as well as new experiments and experimental methods are very welcome.

Guest Editors

Prof. Dr. Zhichun Liu

School of Energy and Power Engineering, Huazhong University of Science and Technology, Wuhan 430074, China

Prof. Dr. Chen Yang

College of Chemical Engineering, Fuzhou University, Fuzhou 350108, China

Deadline for manuscript submissions

closed (31 July 2022)

Processes

an Open Access Journal by MDPI

Impact Factor 2.8
CiteScore 5.5

mdpi.com/si/67253

Processes
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
processes@mdpi.com

mdpi.com/journal/processes

Processes

an Open Access Journal by MDPI

Impact Factor 2.8
CiteScore 5.5

mdpi.com/journal/processes

About the Journal

Message from the Editor-in-Chief

You are invited to contribute either a research article or a comprehensive review for consideration and publication in *Processes* (ISSN 2227-9717). *Processes* is published in open access format – research articles, reviews, and other content are released on the internet immediately after acceptance. The scientific community and the general public have unlimited, free access to the content. As an open access journal, *Processes* is supported by the authors and their institutes through the payment of article processing charges (APCs) for accepted papers. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Giancarlo Cravotto
Department of Drug Science and Technology, University of Turin, Via P. Giuria 9, 10125 Turin, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, AGRIS, and other databases.

Journal Rank:

CiteScore - Q2 (Chemical Engineering (miscellaneous))

MDPI