Special Issue

Heat Transfer and Multiphase Flow

Message from the Guest Editors

This special issue expects to provide a platform in the area of flow and heat transfer in single phase and multiphase flows. The scope of the special issue includes all aspects of theoretical, numerical, and experimental investigations of fluid flow dynamics and heat transfer. In this Special Issue on " Heat Transfer and Multiphase Flow", we welcome review articles and original research papers, fundamental or applied, theoretical, numerical, or experimental investigations on fluid flow dynamics and heat transfer phenomenon.

- electrical equipment cooling
- thermal mangement
- heat sinks
- heat exchangers
- heat pipes
- heat transfer enhacement
- mini/micro channels
- multiphase flows
- boiling
- condensation
- microfluidics
- droplets
- numerical simulations
- md simulation
- flow patterns
- pressure drops
- supercritical fluid
- phase change material
- heat storage

Guest Editors

Dr. Rajib Mahamud
Department of Mechanical Engineering, Idaho State University, Pocatello, ID 83209, USA

Dr. Ali Ashraf
College of Engineering and Computer Science, The University of Texas Rio Grande Valley, Edinburg, TX, USA

Dr. Roxana Bujack
Los Alamos National Laboratory, Los Alamos, NM, USA

Deadline for manuscript submissions

31 December 2024

Energies

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 6.2

mdpi.com/si/157262

Energies
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
energies@mdpi.com

mdpi.com/journal/energies

Energies

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 6.2

mdpi.com/journal/energies

About the Journal

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

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, RePEc, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

CiteScore - Q1 (Control and Optimization)