



energies



an Open Access Journal by MDPI

Numerical Simulation on Heat Transfer Technique

Guest Editors:

Dr. Wei Wang

School of Energy Science and Engineering, Harbin Institute of Technology, Harbin 150001, China

Prof. Dr. Bingxi Li

School of Energy Science and Engineering, Harbin Institute of Technology, Harbin 150001, China

Dr. Cun-Hai Wang

School of Energy and Environmental Engineering, University of Science and Technology Beijing, Beijing 100083, China

Deadline for manuscript submissions:

closed (30 September 2023)

Message from the Guest Editors

The Special Issue “Numerical simulation on heat transfer technique” is now open for submissions. Heat transfer technique is a key process in thermal energy conversion in many industry fields. Traditional experimental tests are necessary, but expensive. Numerical simulation has therefore become a popular alternative to these tests in recent years. This Issue aims to expand the current knowledge on the numerical simulation of heat transfer techniques for the development of numerical methods, mechanism analysis and performance tests.

This Special Issue presents an opportunity for the discussion and exchange of heat transfer numerical research and findings. Potential topics of interest include, but are not limited to:

- Convection heat transfer;
- Radiation heat transfer;
- Heat conduction;
- Condensation, boiling, evaporation;
- Numerical model development;
- Enhanced heat transfer techniques;
- Heat transfer mechanisms;
- Heat exchanger design;
- Turbulent flow.

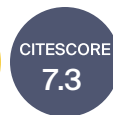


mdpi.com/si/128001

Special Issue



energies



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 Roma, Italy

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.

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)

Contact Us

Energies Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/energies
energies@mdpi.com
[X@energies_mdpi](https://twitter.com/energies_mdpi)