

Special Issue

Heat Exchangers: Cooling and Heating Systems

Message from the Guest Editors

Over the last decade, important improvements have been achieved in terms of design, new materials or composites, surface treatment and topology, improved heat transfer, and/or the associated performance of different types of heat exchangers in cooling and heating technology. These include single-phase or phase-change fluids or suspensions, new materials and their composites, advanced topology and improved heat transfer surface, new or improved types of heat exchangers and manufacturing technologies, and new design tools. For all of the above topics as well as others, summary information on advances in heat exchangers that could provide the reader with the most important and latest knowledge and achievements is missing. This information can undoubtedly promote new ideas for the reader and help researchers to find solutions that can be transferred from one topic to another, making this Special Issue a relevant milestone for any engineer working with heat exchangers in various fields of cooling, heating or process engineering.

Guest Editors

Prof. Dr. Andrej Kitanovski

Laboratory for Refrigeration and District Energy, University of Ljubljana, Ljubljana, Slovenia

Dr. Jaka Tušek

Laboratory for Refrigeration and District Energy, University of Ljubljana, Ljubljana, Slovenia

Deadline for manuscript submissions

closed (30 April 2022)



Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.3



mdpi.com/si/46262

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

[mdpi.com/journal/
energies](https://mdpi.com/journal/energies)





Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.3



[mdpi.com/journal/
energies](https://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 Industrial Engineering, University
Niccolò Cusano, 00166 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)