

## Special Issue

# Numerical Heat Transfer and Fluid Flow 2022

### Message from the Guest Editors

This Special Issue is addressed to specialists from all over the world who deal with mathematical modeling and experiments on heat and fluid flow. We welcome papers dealing with solutions of problems of scientific and industrial relevance in the broad fields of heat transfer and fluid transportation. Papers addressed to the SI will not only solve specific engineering problems, but will serve as a catalyst on future directions and priorities in numerical heat transfer and fluid flow. Topics of interest for publication include, but are not limited to, the following:

- Numerical simulations of mass and/or heat transfer
- Computational fluid dynamics
- Experiments and simulations of single or multiphase flows, including Newtonian and non-Newtonian fluids
- Modeling, optimization, and control of heat transfer and fluid flow
- Mini and macro-flows
- Turbulence
- Modelling of turbulence
- Flowing phase interactions
- Energy saving processes, including increase or decrease in frictional losses and/or heat transfer

---

### Guest Editors

Prof. Dr. Artur Bartosik

Department of Production Engineering, Faculty of Management and Computer Modelling, Kielce University of Technology, 25-314 Kielce, Poland

Dr. Dariusz Asendrych

Faculty of Mechanical Engineering and Computer Science, Czestochowa University of Technology, 42-201 Czestochowa, Poland

---

### Deadline for manuscript submissions

closed (31 December 2022)



## Energies

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.2  
CiteScore 7.3



[mdpi.com/si/116745](https://mdpi.com/si/116745)

*Energies*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[energies@mdpi.com](mailto: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)