

## Special Issue

# Experimental Heat Transfer in Energy Systems

### Message from the Guest Editors

The objective of this Special Issue is to present recent advances in all areas of experimental heat transfer studies in energy systems, energy conservation, energy storage, and other energy research. With the rapid development of technology in energy, particularly in relation to heat transfer, sufficient experimental data to evaluate the impact of emerging technology has become imperative. Main topics of interest include, but not limited to, the following:

- Thermal management at all scales (nano, micro, and macro) and in all types of energy systems
- Heat transfer and fluid flow in turbomachinery, organic ranking cycle, HVAC and R system and other energy technologies
- Convective heat transfer in single phase and multiphase flow
- Cooling designs/applications for electronics (chip, PCB, module, rack, heat pipe, data center, etc.)
- The heat transfer enhancement technique and energy saving
- Phase change material and thermal energy storage
- Thermal issues in energy conversion

---

### Guest Editors

Prof. Dr. Yao-Hsien Liu

Department of Mechanical Engineering, National Chiao Tung University, Hsinchu 300, Taiwan

Prof. Dr. Chi-Chuan Wang

Department of Mechanical Engineering, National Chiao Tung University, Hsinchu 300, Taiwan

---

### Deadline for manuscript submissions

closed (30 September 2020)



## Energies

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.2  
CiteScore 7.3



[mdpi.com/si/22141](https://mdpi.com/si/22141)

*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)