



Advanced Propulsion System and Thermal Management Technology II

Guest Editors:

Dr. Jian Liu

Prof. Dr. Bengt Sunden

Dr. Chaoyang Liu

Dr. Yiheng Tong

Deadline for manuscript
submissions:

closed (30 September 2023)

Message from the Guest Editors

This Special Issue focuses on bringing together innovative developments in the fields of advanced propulsion systems and thermal management technology. Potential topics include, but are not limited to:

- Propulsion system design;
- Heat transfer enhancement;
- Turbulent combustion;
- Supercritical fluid;
- Regenerative cooling;
- Flow control;
- Laser-based combustion diagnostics;
- Spray dynamics;
- Nanofluids;
- Blade cooling;
- Film cooling;
- Transpiration cooling;
- Multiphase flow;
- Heat transfer in propulsion system;
- Aerodynamics;
- Combustion instability;
- Powder fuel;
- Spray dynamics;
- Convective heat transfer;
- Supersonic vehicles;
- Thermal management in other fields.





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 Compindex, 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)