



energies



an Open Access Journal by MDPI

Recent Advances in Thermofluids, Combustion and Energy Systems

Guest Editors:

Prof. Dr. Peiyong Wang

School of Aerospace Engineering,
Xiamen University, Xiamen
361005, China

Prof. Dr. Fei Xing

School of Aerospace Engineering,
Xiamen University, Xiamen
361005, China

Deadline for manuscript
submissions:

closed (25 June 2023)

Message from the Guest Editors

Dear Colleagues,

Energy and propulsion systems provide the foundation for modern industry and life. The more stringent emission and efficiency requirements have pushed the advances in energy and propulsion systems, which rely on the progress across multiple disciplines such as fluid and thermal sciences, design and optimization, manufacturing, automatic control, measurement and diagnostics, etc. This Special Issue aims to present the most recent advances related to the theory, design and optimization, modelling, experimentation, and control of energy and propulsion systems.

- Experimental and numerical investigation of combustion;
- Experimental and numerical investigation of heat transfer;
- Experimental and numerical investigation of atomization;
- Combustion chemical kinetics;
- Advanced modelling approaches;
- High-temperature gas measurement with thermocouples and laser diagnostics;
- System or component design and optimization for energy and propulsion systems;
- System or component control for energy and propulsion systems.



mdpi.com/si/129224

Prof. Dr. Peiyong Wang

Prof. Dr. Fei Xing

Guest Editors

Special Issue



energies



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and
Aerospace Engineering,
University of Roma Sapienza, Via
Eudossiana 18, 00184 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)