

# Special Issue

## Thermal Fluids and Energy Systems

### Message from the Guest Editors

The purpose of this Special Issue is to publish original research papers and reviews in the above-mentioned research areas. We would like to draw special attention to the development of new energy and renewable energy, as well as the economical, efficient, and safe application of energy. Unsolved research challenges in thermal fluids and energy systems are massive, such as thermal protection in complex high temperature fluid machineries, combustion chemistry of biofuels, modeling of radiation from thermal fluid with turbulent mixing and combustion, and formation processes of pollutant in combustion. The discussions of those problems are undoubtedly meaningful for the amount of engineering technologies and can also eliminate the energy and environmental problems. We thus solicit research articles for this Special Issue. All types of research approaches are equally acceptable: experimental, theoretical, computational, and their mixtures. This Special Issue is looking for, but not limited to, contributions in the following focus areas:

- Thermal fluids;
- Aircraft icing;
- Wind turbine icing;
- Combustion;
- Thermal protection;
- Energy systems;
- Fuel;
- Radiation heat transfer.

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### Guest Editors

Dr. Zheyang Jin

Dr. Zhiwen Gan

Dr. Haiyang Hu

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### Deadline for manuscript submissions

closed (10 April 2023)



## Energies

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## 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.

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### Editor-in-Chief

Prof. Dr. Enrico Sciubba

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