Special Issue

Heat Transfer and Fluid Flow in Heat Exchangers and Sustainable Energy Systems

Message from the Guest Editors

This Special Issue seeks to showcase a selection of research articles on experimental and numerical heat transfer and fluid flow studies in various thermal and energy systems, and it is intended to provide a forum for presenting various multidisciplinary aspects of such systems. The topics of interest for this Special Issue include (but are not limited to) the following:

- Computational Fluid Dynamics (CFD) in energy systems;
- Heat transfer in single phase and multiphase flow;
- Techniques of heat transfer enhancement and energy saving;
- Analysis of fluid flow and heat transfer in thermal and energy systems;
- Active and passive cooling systems;
- Complex heat transfer in energy systems;
- Design optimization of heat exchangers;
- Turbomachinery;
- Micro-fluidics and nanofluidic heat transfer;
- Thermal storage systems.

Articles on any aspect of the application of numerical, theoretical, or experimental methods to problems in the above-mentioned broad aspects are welcome. Studies which contain new ideas and whose analyses go beyond established theories are especially encouraged.

Guest Editors

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Deadline for manuscript submissions

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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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