Special Issue

Advances in Fluid Dynamics: Heat and Mass Transfer in Energy Systems

Message from the Guest Editor

The purpose of this Special Issue is to provide information on innovations, research, developments, and demonstrations related to “Advances in Fluid Dynamics: Heat and Mass Transfer in Energy Systems.” The main focus is conventional and non-conventional cooling, heating, and power technologies in energy systems. Papers are solicited in areas including, but not limited to, the following:

- Advances in fluid dynamics;
- Heat and mass transfer in energy systems;
- Ab- and ad-sorption refrigeration machines and heat pumps;
- Air-conditioning, refrigeration, and heat pump systems;
- Combined cycle, CHP, and CCHP with gas turbines;
- Energy storage technology for energy systems;
- Renewable energy for energy systems;
- Design and modeling of energy systems;
- Evaluation and optimization of energy systems;
- Economic and ecologic analysis of energy systems;
- Innovative energy systems;
- Energy system applications.

Prof. Emer. Dr. Satoru Okamoto

Guest Editor

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Deadline for manuscript submissions

closed (31 July 2024)

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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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