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Frontiers on Thermal Machines and Energy Systems

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Deadline for manuscript submissions:

closed (30 April 2023)

Message from the Guest Editors

Dear Colleagues,

The aim of this Special Issue is to collect papers related to recent advances in energy systems and their thermal components, with a particular focus on thermal machines. This field involves compressors, pumps, turbines, expanders, and heat exchangers. Papers in which overall energy conversion systems are studied and where different components are integrated and optimized are particularly welcome. Topics of interest include but are not limited to:

- energy efficiency
- waste heat recovery
- turbine
- compressor
- expander
- heat exchanger
- pump
- volumetric machines
- dynamic machines
- organic Rankine cycle
- power plant
- refrigeration plant
- combined plant
- fluid dynamic

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Special Issue



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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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