Special Issue

Novel Method, Optimization and Applications of Thermodynamic Cycles

Message from the Guest Editors

This Special Issue aims to provide a platform for researchers and engineers to present their latest research findings, novel methods, and applications related to thermodynamic cycles. It covers topics related to the optimization, analysis, and design of thermodynamic cycles. The topics of interest for this Special Issue include, but are not limited to:

- Novel methods for improving the efficiency and performance of thermodynamic cycles;
- Optimization techniques for thermodynamic cycles, such as thermoeconomic analysis and multi-objective optimization;
- Applications of thermodynamic cycles in power generation, refrigeration, and heating systems;
- Advanced power cycles, such as supercritical CO2 cycles and organic Rankine cycles;
- Thermodynamic properties and behavior of fluids used in thermodynamic cycles;
- Heat transfer and fluid flow analysis in thermodynamic cycles;
- System design and integration of thermodynamic cycles in energy systems

Guest Editors

Dr. Weicong Xu

Dr. Wen Su

Dr. Wenbin Guo

Dr. Lin Liu

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Energies
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
energies@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Enrico Sciubba
Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 Roma, Italy

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