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Thermoelectric Generators Applied in Waste Heat Recovery

Guest Editors:

Dr. Said Bentouba

Prof. Dr. Mahmoud Bourouis

Dr. Peter Breuhaus

Prof. Dr. Nadjet Zioui

Deadline for manuscript submissions:
closed (18 September 2024)

Message from the Guest Editors

Dear Colleagues,

The potential for thermoelectricity is enormous, and with continued research and development, it could play a major role in meeting future energy needs. Investigations, focussed on waste energy recovery, new designs, materials and applications to improve the efficiency of thermoelectric devices are welcome.

Scope and Information for authors

Original research and review articles including, but not limited to, the following areas of interest are welcome:

- Thermoelectric generator for waste heat recovery;
- Waste energy in industrial processes;
- New materials used in thermoelectricity;
- Advanced designs of thermoelectric systems;
- New approaches applied to modelling and simulation of thermoelectric systems;
- Experimental characterization of thermoelectric systems;
- Innovative applications of thermoelectric systems;
- Hybrid systems used in thermoelectricity

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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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