Special Issue

Advancements in Thermoelectric Systems for Waste Heat Recovery

Message from the Guest Editors

This Special Issue aims to bring together innovative research and technological advancements in the field of thermoelectric systems for waste heat recovery.

- Advanced thermoelectric materials, including nanostructures, composites, and hybrid systems.
- Novel device designs and system optimization techniques.
- The integration of thermoelectric systems in industrial and automotive sectors.
- The computational modelling and simulation of thermoelectric systems.
- Experimental methodologies and the performance characterization of thermoelectric devices.
- Techno-economic analyses and lifecycle assessments of thermoelectric technologies.
- Emerging applications of thermoelectric systems, such as in renewable energy and wearable devices.

We aim to promote interdisciplinary dialogue and innovation, driving the development of thermoelectric systems as a cornerstone of sustainable energy solutions.

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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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