Special Issue

Waste Energy Recovery and Valorization in Internal Combustion Engines

Message from the Guest Editors

This Special Issue intends to focus all the studies and technologies which will give a value to the thermal energy recovery in internal combustion engines, also extending interest to the wide conceptual research area of engine thermal management. Topics of interest include but are not limited to:

- Waste heat recovery via ORC-based power units;
- Direct waste heat recovery via turbo-compounding;
- Thermoelectric conversion;
- Waste heat recovery via IBC-based power units;
- Internal combustion engines with additional expansion strokes;
- Internal combustion engines based on Atkinson and Miller cycles;
- Waste heat recovery in thermal form;
- Integration of different thermal needs in a vehicle;
- Cooling fluid and oil thermal management;
- Control strategies for thermal engine optimization.

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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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