Special Issue

Advances in Magnetic Energy Harvester Technology

Message from the Guest Editor

This Special Issue, entitled "Advances in Magnetic Energy Harvester Technology", aims to highlight recent research and developments in this exciting and promising field. This Special Issue covers a broad spectrum of topics that could contribute to enhancing the efficiency and cost effectiveness of MEH-based power converters in prospective self-powered systems. By providing a comprehensive overview of state-of-the-art innovations, this Special Issue aims to provide a key reference for researchers, industry professionals, and policymakers. It will foster collaboration and the exchange of knowledge, ultimately supporting the transition toward more efficient and environmentally friendly internal combustion engines. The scope of this Special Issue includes, but is not limited to, the following topics:

- New MEH principles, structures and applications;
- Innovative power processor topologies for MEH;
- Advanced MEH control methods;
- MEH modelling and analysis;
- Simplified hysteresis modelling for MEH engineering design;
- MEH loss estimation and optimization;
- MEH installation methods.

Guest Editor

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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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