Special Issue

Portable Power Generation and Energy Harvesting with Advanced Electric Devices

Message from the Guest Editors

This Special Issue focuses on reviews and technical studies on energy generation, harvesting, conversion, and utilization, with regard to these portable application scenarios. Potential topics include, but are not limited to:

- High-efficiency and high-power-density electric generator topology design;
- Design, analysis, and optimization of rotating/linear permanent magnet generators;
- Fault-tolerant electric generator topology and winding design;
- Monitoring, failure mode analysis, and fault diagnosis of electric generator systems;
- High-efficiency power converter and rectifier systems;
- Integrated design consideration of generator and power converter systems;
- Energy harvesting devices for portable power generation;
- Emerging wireless energy/power transfer technology for portable power generation.

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Deadline for manuscript submissions

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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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