

Special Issue

Next Generation Energy and Propulsion Systems for Transportation Electrification

Message from the Guest Editors

Topics of interest of this Special Issue include but are not limited to the following:

- Advanced battery thermal/energy management system design and applications;
- Fuel cell, batteries, and electric machine modelling;
- Advanced control, fault diagnosis, and performance analysis of fuel cell, batteries, and electric machines;
- Power converters for energy and propulsion systems;
- Microgrids in electrified transportation systems;
- Management of interactions between electric vehicles and grids;
- Hardware in the loop of the energy and propulsion system for transportation;
- Fast charge for energy supply in electrified systems;
- Hybrid energy systems for e-mobility.

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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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