Special Issue

Wireless Charging Technology for Electric Vehicles II

Message from the Guest Editors

This Special Issue aims to publish the most up-to-date, original developments in wireless charging systems for transportation applications. Original research, practical contributions, surveys, and state-of-the-art tutorials are welcome. Topics of interest include (but are not limited to):

- Static/dynamic wireless charging for electric vehicles;
- Magnetic coupler/pad modelling, simulation, and design;
- Converter topologies and control schemes;
- Foreign object detection, living object protection and position detection;
- Electromagnetic inference and electromagnetic compatibility issues;
- Wireless charging for train and metro, robotics, and automatic guided vehicle;
- Wireless charging for unmanned underwater vehicles and unmanned aerial vehicles;
- Magnetic shielding in wireless charging systems;
- All other relevant technologies such as measurement, communication, modelling and control, compensation topologies, integrated circuits, and other technologies.

Guest Editors

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Deadline for manuscript submissions

closed (29 February 2024)

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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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