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Wireless Charging Technology for Electric Vehicles II

Guest Editors:

Prof. Dr. Kai Song

School of Electrical Engineering and Automation, Harbin Institute of Technology, Harbin 150001, China

Prof. Dr. Xian Zhang

State Key Laboratory of Reliability and Intelligence of Electrical Equipment, Hebei University of Technology, Tianjin 300387, China

Dr. Jinhai Jiang

School of Electrical Engineering & Automation, Harbin Institute of Technology, Harbin 150001, China

Deadline for manuscript submissions:

closed (29 February 2024)

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 interference 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.



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Special Issue



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Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 Roma, Italy

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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Energies Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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