Special Issue

Modelling of Wireless Power Transfer

Message from the Guest Editors

This Special Issue, entitled “Modelling of Wireless Power Transfer” mainly covers original research related to the modelling of WPT, including academic and theoretical studies, as well as experimental work. It covers a broad range of models, from conceptual and graphical models to mathematical and numerical models. Potential topics include, but are not limited to, the following:

- Near-field WPT;
- Inductive coupling;
- Capacitive coupling;
- Far-field WPT;
- Microwave/RF WPT;
- Multiple transmitters and/or receivers;
- Optimizing working conditions;
- Frequency control;
- Optimizing power transfer/efficiency/gains;
- Components design;
- Electronics design.

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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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