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Modelling of Wireless Power Transfer II

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Deadline for manuscript
submissions:

closed (31 March 2022)

Message from the Guest Editors

Dear Colleagues,

This Special Issue, entitled “Modelling of Wireless Power Transfer II” 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;
- Optical WPT
- Multi-frequency wireless power transfer
- Simultaneously wireless information and energy transfer (SWIFT)
- Multiple transmitters and/or receivers;
- Optimizing working conditions;
- Energy-encrypted WPT systems
- Frequency control;
- Optimizing power transfer/efficiency/gains;
- Components design;
- Electronics design.



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Special Issue



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Message from the Editor-in-Chief

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