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Modelling of Wireless Power Transfer

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Deadline for manuscript
submissions:
closed (15 October 2020)

Message from the Guest Editors

Dear Colleagues,

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.

Dr. Ben Minnaert
Prof. Dr. Mauro Mongiardo
Guest Editors



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Special Issue



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Message from the Editor-in-Chief

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