

## Special Issue

# Modelling of Wireless Power Transfer II

### Message from the Guest Editors

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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### Guest Editors

Prof. Dr. Mauro Mongiardo

Dr. Ben Minnaert

Dr. Giuseppina Monti

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### Deadline for manuscript submissions

closed (31 March 2022)



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*Energies*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[energies@mdpi.com](mailto:energies@mdpi.com)

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## About the Journal

### 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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### Editor-in-Chief

Prof. Dr. Enrico Sciubba

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

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