

Special Issue

Advances in Wireless Power Transfer System

Message from the Guest Editors

Topics of interest include, but are not limited to:

(1) Latest advances in the wireless power transfer system New WPT schemes, new wireless energy harvesting technology, dynamic WPT, bi-directional WPT, new power electronic devices, magnetic materials, etc. **(2) Transfer principles and cases of wireless power transfer systems**

New coupling mechanism design, electromagnetic field modeling, operating environment, external disturbance analysis, foreign object detection, biological safety, electromagnetic compatibility and shielding, etc. **(3) Methods and designs of wireless power transfer technology and systems**

Near-field, far-field, ultrasonic, laser and other WPT systems, related power electronics, radio frequency and microwave, measurement, communication, optimization design, modeling and other technologies. **(4) Wide applications**

Applications of WPT in various electronic devices, medical implant devices, electric vehicles, AGV, rail transit, and other complex application scenarios.

Guest Editors

Prof. Dr. Yang Li

School of Electrical Engineering and Automation, Tianjin University of Technology, Tianjin, China

Dr. Pengcheng Zhang

Department of Electrical Engineering, Tsinghua University, Beijing 100084, China

Deadline for manuscript submissions

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
energies@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Enrico Sciubba

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

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