

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

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Deadline for manuscript submissions

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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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