



Advanced Technology in Wireless Power Transfer and Harvesting Systems

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submissions:

closed (12 July 2024)

Message from the Guest Editors

Challenges in wireless power transfer and harvesting attract plots of research efforts, such as enhancing operating distance (near-field), improving rectifying efficiency (far-field), optimizing system-level integrated design, and identifying emerging applications. This Special Issue aims to invite submissions related to wireless power transfer and harvesting technology that highlight recent advancements and provide a forward-looking perspective.

Topics of interest include but are not limited to:

1. Inductive wireless power transfer;
2. Capacitive wireless power transfer;
3. Static and dynamic wireless charging;
4. Acoustic, optical, and solar wireless power transfer;
5. High-frequency rectifying circuit design;
6. Rectennas and antenna design for rectifiers;
7. Simultaneous wireless information and power transfer;
8. Hybrid power harvesters;
9. Battery-free sensing and communications systems;
10. Backscattering, RFID, and electronic tags.





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Message from the Editor-in-Chief

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