



Wireless Power/Data Transfer, Energy Harvesting System Design, Volume II

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Deadline for manuscript
submissions:

closed (31 May 2022)

Message from the Guest Editor

In the future, wireless power/data and energy harvesting technologies will be completely integrated into our daily lives, supplying power to our personal electronic devices, wearable/ implantable electronics, home appliances, and electric vehicles. This Special Issue will focus on emerging technologies in wireless power/data and energy harvesting applications from a few microwatts to kilowatts with transfer distances from a few millimeters to a few tens of meters.

The topics covered will include, but are not limited to

- Inductive/capacitive/magnetic resonance wireless power/data transfer
- Microwave/mmwave based wireless power/data transfer and RF energy harvesting
- Modeling and optimization of antenna, coils, resonators, and coil arrays
- Circuits/systems related to wireless power/data, and energy harvesting
- Applications of wireless power/data transfer for biomedical/healthcare/wearable devices
- Applications of wireless power/data transfer for mobile/industry/IoT/electric vehicles
- Other topics related to wireless power/data and energy harvesting (ultrasounds, devices, data modulation, applied electromagnetics, safety issues, EMC/EMI shielding, etc.)





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Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

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