Special Issue

Advances in Dynamic Wireless Power Transfer for Moving Objects

Message from the Guest Editors

With the rapid development of mobile robotics, electrical vehicles, and unmanned aerial vehicles, dynamic wireless power transfer (WPT) has become a very popular topic in science and technology. Dynamic WPT is a reliable and convenient way to transfer electric power to moving objects (moving consumers of electrical energy), such as flying drones, moving electrical vehicles, moving mobile robots, moving sensors, etc. This Special Issue is focused mainly on inductive or capacitive dynamic WPT for moving objects. Articles on novel control techniques and power electronic topologies for dynamic WPT are welcome. Review articles on dynamic WPT as well as research articles on ultrasonic-based, laser-based, or microwave-based dynamic WPT systems are also welcome. Keywords

- dynamic wireless power transfer
- wireless charging
- inductive power transfer
- electrical vehicles

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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.

Editor-in-Chief

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