

Special Issue

Recent Advances in Wireless Power Transfer and Energy Harvesting

Message from the Guest Editors

Wireless power transfer (WPT) and energy harvesting technologies have attracted increasing attention in recent years due to their strong potential to support next-generation intelligent systems, sustainable electronics, and electrified transportation. With the rapid development of power electronics, advanced materials, control strategies, and integrated energy systems, these technologies are creating new opportunities in a wide range of applications, including consumer electronics, biomedical implants, electric vehicles, sensors, robotics, and the Internet of Things (IoT).

This Special Issue aims to highlight recent advances in wireless power transfer and energy harvesting, with a focus on both fundamental theories and practical applications. We are particularly interested in innovative methods, system architectures, modeling approaches, optimization strategies, prototypes, and experimental demonstrations that advance the state of the art in efficient, reliable, and application-oriented energy transfer and harvesting systems.

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About the Journal

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 guestedited by leading experts in selected topics of interest.

Editor-in-Chief

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