

Special Issue

Recent Advances in Wireless Power Transfer System

Message from the Guest Editors

The main objective of this Special Issue, “Recent Advances in Wireless Power Transfer System”, is to focus on the most recent achievements in the theory and practice of circuit analysis, the simulation, and the design of modern wireless power transfer, especially for transportation, consumer electronics, smart grids, biomedical purposes, and other applications. Of special interest are those papers concerning the optimal topology of the wireless power transfer system to extend the distance between emitter and receiver and to improve the load power and its transmission efficiency, especially for those used for electrical vehicle battery charging. Any topic related to circuit design, electromagnetic field analysis, application development and system implementation will be in the scope of the Special Issue’s interest.

Guest Editors

Prof. Dr. Mihai Iordache

Prof. Dr. Marilena Stanculescu

Dr. Dragos Niculae

Deadline for manuscript submissions

closed (15 August 2024)



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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 guest-edited by leading experts in selected topics of interest.

Editor-in-Chief

Prof. Dr. Flavio Canavero

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.8 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).