



Recent Advances in Wireless Power Transfer System

Guest Editors:

Prof. Dr. Mihai Iordache

Department of Electrotechnics,
University Politehnica of
Bucharest, Spl. Independentei
No. 313, Sector 6, 060042
București, Romania

Prof. Dr. Marilena Stanculescu

Department of Electrotechnics,
Faculty of Electrical Engineering,
University "POLITEHNICA" of
Bucharest, Splaiul Independentei
313, Sector 6, 060042 Bucharest,
Romania

Dr. Dragos Niculae

Department of Electrotechnics,
University Politehnica of
Bucharest, Spl. Independentei
No. 313, Sector 6, 060042
București, Romania

Message from the Guest Editors

Dear Colleagues,

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.

Deadline for manuscript
submissions:

15 August 2024





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Flavio Canavero

Department of Electronics and
Telecommunications,
Politecnico di Torino, 10129
Torino, Italy

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), CAPus / SciFinder, Inspec, and other databases.

Journal Rank: JCR - Q2 (*Electrical and Electronic Engineering*) CiteScore - Q2 (*Electrical and Electronic Engineering*)

Contact Us

Electronics Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/electronics
electronics@mdpi.com
[X@electronicsMDPI](https://twitter.com/electronicsMDPI)