



Wireless Power/Data Transfer, Energy Harvesting System Design

Guest Editor:

Prof. Dr. Byunghun Lee

Department of Electrical
Engineering, Incheon National
University, Incheon 406-772,
Republic of Korea

Deadline for manuscript
submissions:

closed (31 October 2020)

Message from the Guest Editor

In recent decades, wireless power/data and energy harvesting technologies have been developed to provide humans with more convenient, comfortable, and productive lives than any previous generations without the burden of physical cables. 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, *theories and techniques for short- or long-distance wireless/data transfer, RF energy harvesting, various applications of wireless power/data transfer for biomedical/wearable/mobile/IoT/electric vehicles, and system-level implementations.*





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), CAPlus / SciFinder, Inspec, Ei Compendex and other databases.

Journal Rank: JCR - Q2 (*Physics, Applied*) / CiteScore - Q2 (*Control and Systems Engineering*)

Contact Us

Electronics Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

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