

## Special Issue

# Wireless Power/Data Transfer, Energy Harvesting System Design

### 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.*

---

### 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)



## Electronics

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.6  
CiteScore 6.1



[mdpi.com/si/31792](https://mdpi.com/si/31792)

*Electronics*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[electronics@mdpi.com](mailto:electronics@mdpi.com)

[mdpi.com/journal/  
electronics](https://mdpi.com/journal/electronics)





# Electronics

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.6  
CiteScore 6.1



[mdpi.com/journal/  
electronics](https://mdpi.com/journal/electronics)



## 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

Prof. Dr. Flavio Canavero

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

---

### Author Benefits

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), CAPlus / SciFinder, Inspec, Ei Compendex and other databases.

#### Journal Rank:

JCR - Q2 (Engineering, Electrical and Electronic) /  
CiteScore - Q1 (Electrical and Electronic Engineering)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.4 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).