



*energies*



an Open Access Journal by MDPI

## Distributed Wireless Sensors and Power Transfer

Guest Editors:

**Prof. Dr. Chaoqiang Jiang**

Department of Electrical Engineering, City University of Hong Kong, Hong Kong, China

**Dr. Wei Han**

Department of Engineering, University of Toronto, Toronto, ON, Canada

**Dr. Hui Zhao**

Department of Engineering, University of Cambridge, Cambridge, UK

Deadline for manuscript submissions:

**closed (30 April 2023)**

### Message from the Guest Editors

Dear Colleagues,

Inductive power transfer (IPT) has attracted more and more attention due to the rapid development of power electronics, electric vehicles (EVs), consumer electronics, and robots. Since IPT technology enjoys the merits of convenience, low maintenance, reliability, safety, automation, and electrical isolation, more and more academic researchers and industries are becoming involved in the wireless charging area. Thus, the IPT shows significant meanings for charging portable electronic devices, automatic robots, integrated circuits, distributed sensors, electric vehicles, etc. This Special Issue aims to provide a timely opportunity for academic researchers and industrial engineers to present, discuss, and exchange the latest results and findings of IPT technologies on semiconductor technologies, power electronic topologies, compensation network design, electromagnetic field theory, wireless sensors, as well as the future development of high-power applications.



[mdpi.com/si/94862](https://mdpi.com/si/94862)

# Special Issue



# energies



an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Enrico Sciubba**

Department of Mechanical and  
Aerospace Engineering,  
University of Roma Sapienza, Via  
Eudossiana 18, 00184 Roma, Italy

## Message from the Editor-in-Chief

*Energies* is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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

**Journal Rank:** CiteScore - Q1 (Control and Optimization)

## Contact Us

---

*Energies* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/energies](http://mdpi.com/journal/energies)  
[energies@mdpi.com](mailto:energies@mdpi.com)  
[X@energies\\_mdpi](https://twitter.com/energies_mdpi)