

## Special Issue

# Wireless Powered Communications for Internet of Things

### Message from the Guest Editors

The objective of this Special Issue is to explore recent advances and challenges in WPC and the emerging research with respect to the resource allocation and network optimization for a hybrid WPC system with both the active RF radios and the passive backscatter radios. Original research and review articles in this area are welcome. Potential topics include, but are not limited to the following:

- Protocols and implementations for WPC
- WPC in industry and healthcare monitoring
- Resource allocation and optimization for WPC
- Multi-antenna and intelligent reflecting surfaces for WPC
- Wireless powered backscatter communication networks
- Energy and information cooperation in WPC
- Machine learning and cognitive networking for WPC
- WPC in wireless aerial networks
- WPC in mobile edge computing and vehicular networks
- Robustness, reliability, and security issues in WPC

Welcome to Contribute!

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### Guest Editors

Dr. Shimin Gong

Prof. Dr. Kun Zhu

Dr. Siyuan Zhou

Dr. Cheng Zhang

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### Deadline for manuscript submissions

closed (31 May 2022)



## Electronics

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CiteScore 5.3



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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.

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### Editor-in-Chief

Prof. Dr. Flavio Canavero

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manuscripts are peer-reviewed and a first decision is  
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