

## Special Issue

# Reconfigurable Intelligent Surface (RIS) for Wireless Communications

### Message from the Guest Editors

This special issue aims to provide a venue for the authors to share their research results on the advances in IRS-aided wireless communication networks and serve as a stimulus to promote and accelerate the development of the novel algorithm in the future 6G communications and beyond. **Topics of interest include (but are not limited to) the following:**

- Testbeds development and experimental measurements in IRS-assisted wireless communications
- Channel modeling for IRS-assisted communication systems
- Channel estimation solutions for IRS-aided wireless communications
- Robust transmission design for IRS-aided communications
- IRS-aided communications with statistical/partial channel state information
- IRS-aided mmWave/Terahertz/visible light communication
- IRS-aided wireless power transfer communication
- IRS-aided mobile edge computing system
- IRS-aided physical layer security techniques
- IRS-aided vehicle communications
- Artificial intelligence-empowered IRS-aided communication systems
- IRS-aided satellite communications

### Guest Editors

Dr. Kezhi Wang

Prof. Dr. Ertugrul Basar

Prof. Dr. Hong Ren

Prof. Dr. Miaowen Wen

### Deadline for manuscript submissions

closed (31 March 2022)



## Electronics

an Open Access Journal  
by MDPI

Impact Factor 2.6  
CiteScore 6.1



[mdpi.com/si/87489](https://mdpi.com/si/87489)

*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 guest-edited 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), CAPus /  
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 16.8 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).