

## Special Issue

# Metasurface-Integrated Low-RCS Radome and Antenna Applications

### Message from the Guest Editors

Our Special Issue focuses on the theoretical applications of metasurfaces and metamaterials in the research area of radomes and antennas. Topics of interest include but are not limited to:

- Low-RCS and high-gain antennas based on frequency selective metasurfaces and metamaterials
- Low backscattering antennas based on reconfigurable metasurfaces and metamaterials
- Digital coding metasurface in radar and communication systems
- Metamaterial-based 3-D frequency selective rasorbers
- Conformal frequency selective radomes for arbitrary curvature
- Wideband RCS reduction in flexible metasurface rasorber radomes
- Conformal algorithms capable of optimizing the layout of a metasurface on any curved surface
- Algorithms for the optimization of the unit cells or the arrangements of the metasurfaces and metamaterials

---

### Guest Editors

Dr. Weiwei Wu

Dr. Yuejun Zheng

Dr. Dongfang Guan

---

### Deadline for manuscript submissions

15 March 2026



## Electronics

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.6  
CiteScore 6.1



[mdpi.com/si/249739](https://mdpi.com/si/249739)

*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 16.8 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).