

## Special Issue

# Metasurface-Based Devices and Systems

### Message from the Guest Editors

Metasurfaces represent a groundbreaking approach to controlling electromagnetic waves, enabling unprecedented functionalities and so on. These two-dimensional structures, composed of subwavelength-scale elements, have become a cornerstone in modern photonics and optoelectronics, transforming applications in imaging, sensing, and beyond. We are pleased to announce this Special Issue dedicated to “Metasurface-Based Devices and Systems”. We invite high-quality reviews, original research articles, and interdisciplinary contributions that address topics including but not limited to the following: Design, simulation, and optimization of novel metasurfaces.

Applications in imaging, sensing, and communication technologies.

Advances in tunable, reconfigurable, and multifunctional metasurfaces.

Material innovations and scalable fabrication methods for metasurfaces.

Integration of metasurfaces into optoelectronic and photonic systems.

---

### Guest Editors

Dr. Giuseppe Brunetti

Optoelectronics Laboratory, Department of Electrical and Information Engineering, Polytechnic University of Bari, 70125 Bari, Italy

Dr. Muhammad Ali Butt

Institute of Microelectronics and Optoelectronics, Warsaw University of Technology, 00-662 Warsaw, Poland

---

### Deadline for manuscript submissions

closed (31 December 2025)



## Micromachines

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.0  
CiteScore 6.0  
Indexed in PubMed



[mdpi.com/si/225734](https://mdpi.com/si/225734)

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

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





# Micromachines

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.0  
CiteScore 6.0  
Indexed in PubMed



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



## About the Journal

### Message from the Editor-in-Chief

You are invited to contribute research articles or comprehensive reviews for consideration and publication in *Micromachines* (ISSN 2072-666X). *Micromachines* is published in the open access format. Research articles, reviews and other contents are released on the internet immediately after acceptance. The scientific community and the general public have unlimited free access to the content as soon as it is published. As an open access journal, *Micromachines* is supported by the authors or their institutes by payment of article processing charges (APC) for accepted papers. We are pleased to welcome you as our authors.

---

### Editor-in-Chief

Prof. Dr. Nam-Trung Nguyen

Queensland Quantum and Advanced Technologies Research Institute,  
Griffith University, West Creek Road, Nathan, QLD 4111, Australia

---

### Author Benefits

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Ei Compendex, dblp, and other databases.

#### Journal Rank:

JCR - Q2 (Instruments and Instrumentation) / CiteScore - Q1 (Mechanical 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 1.9 days (median values for papers published in this journal in the second half of 2025).