

Special Issue

Advanced Photonics Metamaterials and Metasurfaces: Science and Applications

Message from the Guest Editors

Photonics metamaterials and metasurfaces have emerged as a burgeoning field at the forefront of scientific research, offering unprecedented control over light-matter interactions. This Special Issue aims to bring together researchers from diverse scientific backgrounds to showcase the latest advancements in advanced photonics metamaterials and metasurfaces, focusing on both fundamental science and practical applications. It serves as a platform for scientists and engineers to share their cutting-edge research and explore the unlimited possibilities brought about by these remarkable meta-structures. Original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Topological metamaterials and metasurfaces;
- Non-Hermitian metamaterials and metasurfaces;
- Inverse-designed metamaterials and metasurfaces;
- Active metamaterials and metasurfaces;
- Multilayer metasurfaces and Moiré metasurfaces;
- Multifunctional metasurfaces and multispectral metasurfaces;
- Metalenses;
- Nonlocal metasurfaces;
- Ultra-high-Q metasurfaces;
- High-temperature metasurfaces.

We are looking forward to receiving your contributions.

Guest Editors

Dr. Zhaojian Zhang

College of Science, National University of Defense Technology,
Changsha 410073, China

Prof. Dr. Junbo Yang

College of Science, National University of Defense Technology,
Changsha 410073, China

Deadline for manuscript submissions

closed (15 September 2024)



Photonics

an Open Access Journal
by MDPI

Impact Factor 1.9
CiteScore 3.5



mdpi.com/si/181535

Photonics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
photonics@mdpi.com

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





Photonics

an Open Access Journal
by MDPI

Impact Factor 1.9
CiteScore 3.5



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



About the Journal

Message from the Editor-in-Chief

You are invited to contribute a research article or a comprehensive review for consideration and publication in *Photonics* (ISSN 2304-6732). *Photonics* is an online open access journal covering both the fundamental and applications of optics and photonics. *Photonics* strives to provide an avenue to allow authors to disseminate their scientific findings—both theoretical/ simulations and experimental works—in highly accessible peer-reviewed journal publications. The manuscript in *Photonics* will be handled with quick turnaround production processing time. We welcome authors to submit their manuscripts for publications in *Photonics*. Our goal in *Photonics* is to enable fast dissemination of high impact works to the scientific community.

Editor-in-Chief

Prof. Dr. Nelson Tansu

School of Electrical and Electronic Engineering (EEE), The University of Adelaide, Adelaide, SA 5005, Australia

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), Inspec, Ei Compendex, CAPlus / SciFinder, and other databases.

Journal Rank:

CiteScore - Q2 (Instrumentation)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 15 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).