

## Special Issue

# Metamaterials for Advanced Photonic and Plasmonic Applications – Selected Papers from Metamaterials’2019

### Message from the Guest Editors

We are very glad to serve as of this Special Issue to be published in *Photonics* that will contain a selection of papers submitted and accepted at Metamaterials’2019. Its main scope is to provide a timely and broad collection of the most innovative topics discussed at the latest edition of the congress related to photonics and plasmonics. We warmly invite researchers to submit their contributions, both original research articles and review papers, to this Special Issue. Potential topics include, but are not limited to:

- Fundamentals and applications of artificial materials and surfaces at infrared and optical frequencies;
- Plasmonics and optical properties of metamaterials;
- Novel optical effects enabled by metamaterials;
- Experimental techniques and characterization of nanomaterials;
- Biological and biomedical applications of metamaterials;
- Metamaterials for nanoelectronics and nanophotonics;
- Metamaterials for quantum electronics;
- Energy harvesting and thermophotovoltaics;
- Nanocarbon, nanotubes, graphene and bio-inspired materials

---

### Guest Editors

Dr. Dimitrios Sounas

Department of Electrical and Computer Engineering, Wayne State University, Detroit, MI 48202, USA

Dr. Constantinos Valagiannopoulos

Department of Physics, School of Science and Technology, Nazarbayev University, Qabanbay Batyr Ave 53, Astana 010000, Kazakhstan

---

### Deadline for manuscript submissions

closed (31 May 2020)



## Photonics

---

an Open Access Journal  
by MDPI

---

Impact Factor 1.9  
CiteScore 3.5



[mdpi.com/si/27913](https://mdpi.com/si/27913)

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