Special Issue

Recent Progress in Optical Metamaterials and Metasurfaces

Message from the Guest Editors

Metamaterials have become essential in photonics, enabling control of light at scales smaller than its wavelength. This fast-growing field promises to transform telecommunications, sensing, imaging, energy, and more, offering capabilities beyond natural materials. We invite you to contribute to the Special Issue "Recent Progress in Optical Metamaterials and Metasurfaces," which aims to showcase cutting-edge research and reviews on fundamental theories, innovative experiments, and practical applications. We welcome original articles and reviews on topics including, but not limited to:

- Plasmonic metamaterials
- Reconfigurable and programmable metamaterials and metasurfaces
- Quantum and superconducting metamaterials
- Metamaterials for nanoelectronics, nanophotonics, and nanoantennas
- Nonlinear, tunable, and space-time modulated metamaterials
- Chiral, toroidal, magneto-optic, nonreciprocal, and topological metamaterials
- 2D materials integrated with metamaterials

This Special Issue seeks to foster knowledge exchange and inspire future breakthroughs. We look forward to your valuable contributions.

Guest Editors

Dr. Yeming Qing
Dr. Koichi Okamoto
Dr. Murai Shunsuke

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

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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

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