



Advanced Photonics Metamaterials and Metasurfaces: Science and Applications

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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.

