

Special Issue

Metasurface Diffraction and Polarization Optics

Message from the Guest Editor

The purpose of this Special Issue is to introduce new diffraction and polarization effects on metasurfaces, as well as spectral resonance tailoring associated with them, including new metasurface structure designs, metasurface optimization algorithm, metasurface-based imaging, and displaying, sensing, and polarimetry applications. We invite the submission of original research, review, mini review, and perspective articles on themes including, but not limited to:

- Metasurface diffraction optical elements;
- Metasurface holography;
- Resonant metasurfaces;
- Birefringent metasurfaces;
- Di-attenuation metasurfaces;
- Chiral metasurfaces;
- Metasurface waveplate;
- Metasurface polarizers;
- Metasurface polarization beam splitters;
- Jones matrix metasurfaces;
- Malus metasurfaces;
- Metasurface polarization singularities.

Guest Editor

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Deadline for manuscript submissions

closed (31 March 2023)



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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.

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