Special Issue

The Principle and Application of Photonic Metasurfaces

Message from the Guest Editor

This Special Issue focuses on exploring the fundamental principles behind photonic metasurfaces and their applications. It aims to gather advanced research that deepens our understanding of these structures and promotes innovation in the related fields. The scope of this Special Issue encompasses theoretical investigations of photonic metasurface properties, design and fabrication techniques, as well as their applications in areas such as imaging, sensing, light manipulation, and communication. Both experimental and computational studies are welcome. Research areas may include (but are not limited to) the following:

- Photonic metasurfaces;
- Photonic principle;
- Photonic application;
- Light manipulation;
- Photonics medicine;
- Related electromagnetic research;
- Optoelectronic technology;
- Photonics/optical imaging;
- Photonics/optical sensing;
- Photonics/optical communication;
- Photonics/optical design;
- Photonics/optical fabrication;
- Photonics/optical devices and system.

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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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