

Special Issue

New Frontiers in Plasmonics and Metamaterials

Message from the Guest Editor

The current progress in nanophotonics is explained by the excitement of achieving enhanced near-field effects and breaking the diffraction limit for light localization and imaging. Recent years have witnessed a growing research interest in the study of plasmonic structures and photonic metasurfaces. This Special Issue is expected to boost the development of new directions in the field of plasmonics and metamaterials to foreseen ground-breaking discoveries and provide novel avenues for important applications. The elements of plasmonics are spread across disciplines, and many of the recent ideas are based on the concepts of metamaterials and metadevices. We expect that papers of this Special Issue will explore the confluence of subwavelength photonics, metamaterials concepts, quantum theory, graphene physics, and nonlinear optics, to provide an interdisciplinary platform for novel photonics applications. Prof. Dr. Yuri S. Kivshar

Guest Editor

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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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