Special Issue

Terahertz Metamaterials and Device Applications

Message from the Guest Editors

Terahertz science and technology has attracted a great deal of interest, due to its potential applications. The metamaterial is an artificial material with a subwavelength thickness. The metamaterial can realize flexible and effective modulation of terahertz wave polarization, amplitude, phase, and other characteristics. This Special Issue invites manuscripts that document the recent advances in “Terahertz Metamaterials and Device Applications”. We are pleased to invite you submit your manuscript discussing theory, experimental results as well as applications in terahertz range. We will consider theoretical, numerical, and experimental papers that cover, but are not limited to, these topics:

- Advanced in THz metamaterial;
- Terahertz photonic metasurfaces;
- Advanced functional materials for THz metamaterial devices;
- Polarization conversion metamaterial;
- Absorption metamaterial;
- Metamaterial sensors;
- Electromagnetic coded metamaterials;
- Vector light field metamaterials;
- Recent uses of THz metamaterial in industry or advanced laboratories.

Guest Editors

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Deadline for manuscript submissions

closed (30 April 2023)

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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.

Editor-in-Chief

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