Special Issue

THz Spectroscopy: New Trends and Applications

Message from the Guest Editors

Terahertz (THz) spectroscopy has emerged as a powerful tool for investigating various materials and systems, offering unique insights into their fundamental properties. With rapid advancements in THz technology, new methodologies and applications are continually being developed, expanding its impact across various scientific and industrial domains. We invite researchers to contribute original research articles and comprehensive reviews that explore innovative trends in THz spectroscopy, including but not limited to:

- Novel THz Sources and Detectors
- THz Imaging and Sensing Technologies
- Biological and Medical Applications of THz Spectroscopy
- THz Applications in Security and Non-Destructive Testing
- Advanced Materials Characterization Using THz Spectroscopy
- Testing and Characterising of Optical Surfaces
- Industrial and Environmental Applications of THz Technology

This Special Issue welcomes contributions that highlight groundbreaking research, introduce new experimental and theoretical approaches, and present innovative applications of THz spectroscopy. We look forward to your valuable submissions and to fostering discussions that advance the field.

Guest Editors

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Deadline for manuscript submissions

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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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