Special Issue

Optical Spectroscopy and Applications

Message from the Guest Editor

The active development of science and technology makes it possible to solve ever more complex problems. Originating in 1802 with the discovery of Fraunhofer lines, today optical spectroscopy is experiencing a real burgeoning. The creation and modification of research methods using optical spectroscopy finds a wide variety of applications—from solving scientific problems in the study of various interactions, to nondestructive evaluation, art/biological/medical diagnosis, and security. This Special Issue focuses on the latest research and developments related to the broad category of optical spectroscopy (Raman, UV/Vis, fluorescence, FTIR, etc.) and applications. We would like to showcase recent advances in spectroscopy, obtained with new optical design, advanced spectroscopy principles, and improved or modified measurement techniques; and successful applications in various fields. This Special Issue welcomes high-quality original research or review articles reporting on the latest discoveries in optical spectroscopy and its applications, especially those that highlight the potential of use of optical spectroscopy in a variety of topics.

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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