Special Issue

Advances in Optical Sensors and Applications

Message from the Guest Editors

Optical sensors have been developed and used for an increasingly large number of applications, as they allow non-invasive measurements and they can be more robust, smaller, lighter, faster, more accurate, and more sensitive than other sensing technologies. New ideas are continuously being proposed, developed and tested. The goal of this Special Issue is to offer an overview of recent developments in optical sensing, exploring innovative designs, components, materials, and techniques that enhance sensitivity, accuracy, and reliability across diverse applications, including, but not limited to: environmental monitoring, agrifood, healthcare, industrial automation, inertial navigation, automotive, aerospace, marine and maritime, etc. With this objective, original research papers, as well as review articles, will be published to show the diversity of the new developments in these areas and their wide dissemination in these fields. If you require clarifications or wish to discuss your submission in advance, please do not hesitate to contact us. We look forward to and welcome your participation in this Special Issue.

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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 peerreviewed 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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