Special Issue

Optical Imaging and Measurements

Message from the Guest Editors

An optical wave carries plenty of information by modulating its amplitude, phase, polarization or coherence. As a result, different types of imaging and measurement techniques have been developed. Traditional optical imaging is two-dimensional, and thus, what you see is what you get. Modern optical imaging is multidimensional, meaning what you compute is what you get. Computational optical imaging restores image information by accurately characterizing multidimensional light fields and using advanced modulation and demodulation techniques. It provides a new way to break through the limitations of traditional imaging technology. A large number of exciting research developments are helping to continuously improve the performance of these optical imaging and measurement techniques under different situations. Hence, real-time imaging and dynamic measurements with high resolution and accuracy are increasingly becoming a reality. The objectives of this Special Issue are to report on the advances in optical imaging and measurements.

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Deadline for manuscript submissions

closed (15 July 2024)

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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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