

Special Issue

Optical Imaging and Measurements: 2nd Edition

Message from the Guest Editors

We would like to present the 2nd edition of this Special Issue. An optical wave carries a large amount 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.

Guest Editors

Dr. Zixin Zhao

Dr. Feifei Gu

Dr. Gaopeng Zhang

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Photonics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
photonics@mdpi.com

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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 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

Prof. Dr. Nelson Tansu

School of Electrical and Electronic Engineering (EEE), The University of Adelaide, Adelaide, SA 5005, Australia

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