Special Issue

Computational Optical Imaging: Methodology and Applications

Message from the Guest Editors

The advent of computational optical imaging has revolutionized the field of imaging sciences by integrating cutting-edge computational algorithms with traditional imaging hardware. This Special Issue aims to present the latest advancements regarding both techniques and applications in the field of computational optical imaging. It ranges in scope from methodology innovations in the field of quantitative phase imaging, volumetric imaging, and hyperspectral imaging, among others, to significant applications, e.g., biomedical studies and computer vision. By merging advanced signal processing, machine learning, and optics, computational optical imaging has opened up new possibilities for imaging systems, enabling enhanced image acquisition, analysis, and understanding.

Guest Editors

Dr. Cheng Shen

Department of Electrical Engineering, California Institute of Technology, Pasadena, CA 91125, USA

Dr. An Pan

Xi'an Institute of Optics, Chinese Academy of Sciences (CAS), Xi'an 710119, China

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

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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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Prof. Dr. Nelson Tansu
School of Electrical and Electronic Engineering (EEE), The University of Adelaide, Adelaide, SA 5005, Australia

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