Special Issue

Advances in 3OM: Opto-Mechatronics, Opto-Mechanics, and Optical Metrology

Message from the Guest Editors

This Special Issue is focused on Opto-mechatronics unites optics and mechatronics. Other scopes of both opto-mechanics and opto-mechatronics include, but are not limited to, kinematic, kinetostatic, and dynamic aspects of optical systems with moving parts, such as laser scanners. The aim of this Special Issue encompasses both opto-mechanics and opto-mechatronics, with a range of applications that include but are not limited to optical metrology of the 3OM concept introduced a decade ago. The proposed topics are the development of devices (with analytical approaches, simulations, and/or experiments), their optimization, and their inclusion in dedicated systems for applications.

- opto-mechatronics
- opto-mechanics
- optical metrology
- optical devices
- laser scanners
- imaging techniques
- optical coherence tomography (OCT)
- non-destructive testing (NDT)
- analytic approaches
- finite element analysis (FEA)
- sensors and control structures
- numerical simulations
- experimental studies

Guest Editors

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Deadline for manuscript submissions

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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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