Special Issue

Advances in 30M: Opto-Mechatronics, Opto-Mechanics, and Optical Metrology, 2nd Edition

Message from the Guest Editors

This Special Issue approaches the 30M domain, which unites three complementary fields: (1) Opto-Mechatronics is a blend of Optics & Photonics. Precision Mechanics, Electronics, Control & Automation, as well as IT. (2) Opto-Mechanics fills the gap between the high requirements of Optical Design and the capabilities of Mechanical technologies, addressing tolerances, errors, positioning issues, and methods to tackle them. (3) Optical Metrology is a large umbrella of applications that benefits from both fields above and includes industrial measurements, Non-Destructive Testing, biomedical imaging, Remote Sensing, as well as Security & Defense. Other fields that apply 30M include Laser Manufacturing and Robotics, as well as Lasers in Medicine. Besides invited and regular submission, this Special Issue includes selected papers from the 'Advances in 30M' International Conference. Timisoara, Romania,

- opto-mechatronics
- opto-mechanics
- optical metrology
- optical devices
- laser scanners
- optical modulators
- sensors and control structures
- imaging techniques
- optical coherence tomography (OCT)
- Laser Manufacturing

Guest Editors

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Deadline for manuscript submissions

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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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