



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

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### 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

