

Special Issue

New Frontiers in Optical Coordinate Measuring Systems

Message from the Guest Editors

Coordinate measuring systems offer high accuracy, automation of measurements and universality, which translates into shortening of the measurement time, which is one of the most sought aspects of measurements in the Industry 4.0 era. The trend observed in recent years clearly indicates that systems of this type, additionally operating in connection with automation systems and devices such as industrial robots, will be one of the most popular tools, in the future, for quality assessment in advanced production processes. We invite contributions to this Special Issue on topics including, but not limited to, the following areas: Optical CMM; Multisensor CMM; Optical metrology in manufacturing: CCD/CMOS sensors; Laser triangulation sensors; Structured light sensors; Vision-based measurement systems; Fringe optics; Optical metrology systems; Optical solutions for in-process control; Optical in situ measurements; In-line optical inspection systems; Automation of optical measuring systems. Portable optical measuring systems; Optical metrology systems in Industry 4.0; Traceability of optical metrology systems;

Guest Editors

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Deadline for manuscript submissions

closed (30 September 2022)



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About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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