Special Issue

Recent Advances in 3D Optical Measurement

Message from the Guest Editors

This Special Issue aims to showcase the latest research and developments in the field of 3D optical measurement and provide a platform for researchers to share their findings and insights. Theoretical, numerical, and experimental papers are welcomed. Topics include, but are not limited to, the following:

- Advanced imaging technologies for 3D optical measurement;
- Integration of 3D optical measurement with other sensing modalities;
- Multi-camera systems and algorithms for improved measurement accuracy;
- Portable and handheld 3D optical measurement devices;
- Machine learning and artificial intelligence in 3D optical measurement;
- Applications of 3D optical measurement in manufacturing and quality control;
- 3D optical measurement for medical diagnostics and healthcare;
- Novel calibration methods for 3D optical measurement systems;
- Theory and technology of optical imaging and measurement;
- Progress and application of 3D laser imaging.

Guest Editors

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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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