

Special Issue

Optical Precision Testing Technology and Instruments

Message from the Guest Editors

Advanced optical manufacturing technology is the key technology in the fields of space remote sensing, space situational awareness and deep space exploration, which is related to national security, national defense construction and national economy. High precision optical testing and instruments are the prerequisite and guarantee of advanced optical manufacturing technology. This Special Issue aims to reflect the latest research achievements and the developing trend of optical system high precision manufacturing and testing technology, Optical components measurement and evaluate, etc. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but not limited to) the following:

- Optical high-precision testing technology;
- Optical testing instruments and equipments;
- Optical testing data processing and analysis;
- Superfine measurement technology for special optical parts;
- Measurement methods for geometric parameters of optical components;
- Testing technology for physical characteristics of optical components;
- Detection and evaluation technology for surface defects of optical components;

Guest Editors

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Deadline for manuscript submissions

closed (20 July 2023)



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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 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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