

# Special Issue

## Advances in Optical Metrology

### Message from the Guest Editors

We are pleased to invite you to submit a manuscript to the *Photonics* Special Issue 'Advances in Optical Metrology'. Our scope includes all the challenges of metrology—from the optics of large space telescopes to the small optic systems of cellphone camera lenses. With regard to the methodology, this Special Issue aims to encompass methods using a Fizeau interferometer, a low coherence interferometer, frequency comb distance measurement, a physical contact profilometer, deflectometer, fringe projection, photogrammetry, and all possible methods for optical testing. As the above approaches adopt the unique mathematical model, data process modeling methods, such as dimensional data, surface reconstruction, tolerance, and error analysis, are also within the scope of this Special Issue. The impact of this Special Issue is in providing insights into the latest challenges in optical metrology in various fields and to educate stakeholders throughout the optics community.

### Guest Editors

Dr. Heejoo Choi  
Prof. Dr. Lei Huang  
Dr. Oliver Faehnle

### Deadline for manuscript submissions

closed (15 February 2022)



## Photonics

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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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### Editor-in-Chief

Prof. Dr. Nelson Tansu

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 15 days after submission; acceptance to publication is undertaken in 1.9 days (median values for papers published in this journal in the second half of 2025).