Special Issue

Advances in Sensoring and Measurement with Optical Frequency Comb

Message from the Guest Editors

Optical frequency comb (OFC) is composed of a series of equally spaced and phase-coherent frequency components. Its unique property in the frequency and time domain brings revolutionary development in the fields of precision spectroscopy, optical communication, frequency/waveform synthesis, precision metrology, etc. To further boost the impact of this exciting and rapidly evolving field, this Special Issue aims to bring together contributions from leading experts in the field, presenting recent advances in sensoring and measurement with optical frequency comb. The areas of interest include (but are not limited to):

- Special OFC source for sensoring and measurement;
- Novel OFC frequency stabilization scheme for sensoring and measurement;
- Optical frequency measurement and delivery with OFC;
- Laser ranging for cooperative and non-cooperative objects with OFC;
- Angle and angular acceleration measurement with OFC;
- 3D topography and surface measurement with OFC;
- Precision spectroscopy with OFC;
- Biochemical sensoring with OFC.

Guest Editors

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Prof. Dr. Fumin Zhang

Deadline for manuscript submissions

closed (20 December 2023)

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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.

Editor-in-Chief

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