Special Issue

Advances in Laser Measurement

Message from the Guest Editor

The pursuit of precise measurement in modern science and technology is crucial, with laser measurement technology standing out for its traceability, precision, and vast measurement range. The development of new laser sources, such as continuous, pulse, and femtosecond frequency combs, has advanced measurement speed and accuracy, while improved signal processing methods like adaptive filtering and de-noising have enhanced stability and reliability. Additionally, the integration of AI has further boosted efficiency and accuracy, heralding a new era of intelligent measurement. With advances in semiconductor, fiber, and micro-chip laser technologies, laser measurement equipment is becoming more compact and portable, enabling wider adoption across various fields. This Special Issue will explore recent advancements in laser measurement, highlight cutting-edge research, and examine future trends. Researchers are invited to contribute.

Guest Editor

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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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