Special Issue

High-Performance Optical Coherence Tomography

Message from the Guest Editors

Optical coherence tomography (OCT) is a representative case of the successful commercialization of an optical technique. This Special Issue aims to bring together researchers working on all aspects of high-performance next-generation OCT, both systems and technological developments, from basic research to in-orbit results. Novel OCT system development and special applications in medical and industrial areas are welcome. Research areas may include (but are not limited to) the following: Research works on high-performance OCT system like SSOCT, FFOCT, OCTA, Dynamic OCT, Doppler OCT, etc., including optimization methods for the imaging system, algorithm optimization for improving the resolution, imaging range, and special applications in medical diagnostics, industrial inspection, and model construction. Research works on novel techniques for generating swept lasers, including Fourier domain mode locked laser, time-stretched swept laser, swept laser based on frequency shift, dispersion tuning swept laser, short cavity swept laser based on MEMS; We look forward to receiving your contributions.

Guest Editors

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Deadline for manuscript submissions

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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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