

Special Issue

Advanced Optical Coherence Tomography (OCT) in Ophthalmology

Message from the Guest Editor

This Special Issue, entitled “Advanced Optical Coherence Tomography in Ophthalmology”, aims to highlight recent progress and developments in the field of ophthalmic imaging using OCT. It covers all aspects, including instrumentation, methodologies, image processing approaches that provide insight into the morphology, physiological processes and pathophysiological changes of the anterior and posterior eye, and has the potential to enhance both ophthalmic research and clinical applicability for the diagnosis and monitoring of various ophthalmic conditions. Potential topics may include but are not limited to:

- OCT and high-resolution OCT;
- Polarization-sensitive OCT;
- Doppler OCT;
- OCT angiography;
- Optical coherence elastography;
- Optophysiology;
- OCT spectroscopy;
- Adaptive optics OCT;
- OCT and machine learning.

You are cordially invited to submit your original research or review papers for this Special Issue.

Guest Editor

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Deadline for manuscript submissions

closed (10 February 2022)



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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo

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