

Special Issue

Recent Advances in Biophotonics Sensors

Message from the Guest Editor

Dear colleagues, The emergence of SARS-CoV2 in late 2019 and the ensuing pandemic underscore the need for rapid and robust sensor platforms for the detection of biological matter such as bacteria and viruses.

Biphotonic sensors are the class of optical sensors that satisfy the criteria for both speed and robustness in the face of current challenges. We are soliciting manuscripts for a Special Issue of Sensors that will focus on both theoretical and experimental advances in biophotonic sensors. The variety of approaches can include but are not limited to

- Integrated optics, interference, waveguide, interferometer
- microcavity, whispering gallery mode, ring resonator
- Biological agent
- Bacteria, virus, protein, DNA, RNA
- Raman, fluorescence, absorption spectroscopy, interferometry

If you require clarifications or wish to discuss your submission in advance, we encourage you to contact us. We look forward to and welcome your participation in this Special Issue.

Guest Editor

Prof. Dr. Stephen Holler

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Deadline for manuscript submissions

closed (30 November 2023)



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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. *Sensors* organizes Special Issues devoted to specific sensing areas and applications each year.

Editor-in-Chief

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