

Special Issue

Optical Sensing and Optical Physics Research

Message from the Guest Editors

The interaction of light with matter can be encoded into multiple degrees of freedom (amplitude, phase, polarization, wavelength, spatial and temporal coherence, among others), thus providing ample means for the development of versatile optical sensing approaches. In recent years, the fields of optical sensing and optical physics research have grown rapidly, hand in hand with the technological innovations required to fully exploit the advantages of light-based monitoring, such as the capability for real-time performance. This Special Issue aims to constitute a multidisciplinary forum where scientists, researchers, and engineers can present their latest promising achievements related to optical sensing and optical physics research. Original research articles and comprehensive reviews will be considered. Due to their relevance in the more recent state-of-the-art advances, optical sensing schemes using both passive and active optical fiber platforms are particularly welcome.

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Deadline for manuscript submissions

closed (31 December 2024)



Optics

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CiteScore 2.6



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Optics (ISSN 2673-3269) aims at establishing *Optics* as a leading journal for publishing high impact fundamental research and applications in optics field with a fast processing time and high quality service. The journal particularly welcomes both theoretical (simulation) and experimental research within our journal's scope. We encourage scientists to publish their experimental and theoretical results in as much detail as possible. So, there is no restriction on the length or pages of the papers. The full experimental details must be provided so that the results can be reproduced. Electronic files and software regarding the full details of the calculation or experimental procedure, if unable to be published in a normal way, can be deposited as supplementary electronic material.

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