



Optical Sensing and Optical Physics Research

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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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