Special Issue

Advanced Photonic Sensing Technologies for Optical Fiber Devices

Message from the Guest Editors

The goals of this Special Issue are to provide a comprehensive overview of cutting-edge research in photonic sensing, promote interdisciplinary collaboration, and highlight the future directions of fiber-optic sensor technologies. We invite original research articles, reviews, and communications to be submitted to this Special Issue and topics may include, but are not limited to: Novel fiber structures and materials; Environmental, industrial, and biomedical sensing applications; Quantum sensing technologies using optical fibers; Distributed and multiplexed sensing; Nonlinear and multifunctional fiber sensors; Fiber-based LIDAR and remote sensing.

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