

Special Issue

Emerging Trends and Applications of Optical Fiber Sensors

Message from the Guest Editor

Due to the continuing rapid growth in demand for EM immune, electrically passive, and very accurate sensors with very small dimensions, higher and higher demands are placed on the evolving field of the application of sensors based on quartz and polymer fibers in Industry 4.0, Smart Cities, and biomedical engineering. This Special Issue focuses on emerging trends and applications of fiber optic sensors in the field Industry 4.0 (predictive maintenance, measurement of electrical and magnetic quantities, temperature and vibration sensors, etc.), smart cities (IoT sensors, automobile and rail transport, product pipelines leakages, smart waste management, structural health, fire detection, etc.) and biomedical engineering (magnetic resonance sensors, smart home care, wearable sensors, in vitro and in vivo sensors, etc.). For more information, please click: mdpi.com/si/76036

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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.

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