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Emerging Trends and Applications of Optical Fiber Sensors

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Message from the Guest Editor

Dear Colleagues,

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.).

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Special Issue



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Message from the Editor-in-Chief

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