Special Issue

Fiber Laser Sensor Technologies and Applications

Message from the Guest Editor

Fibre laser sensor technologies continue to be widely adopted and have made inroads into virtually every industry as a result of their outstanding properties, such as high inherent sensitivity, immunity to electromagnetic interference, high signal-to-noise ratio, remote sensing, and multiplexing capabilities. This technology, already a key component of smart materials and smart structures, is an asset with the capability to drive forward the new age of the “Internet of Things”. The fibre laser sensor technology package itself boasts a compact footprint, high reliability and low maintenance, high stability, high efficiency, tailored operating wavelengths, and a flexible fibre-guided delivery system.

This Special Issue aims to explore aspects related to the design, fabrication, characterization, and application of fibre laser sensors, and to present novel and innovative applications of sensors and devices based on fibre laser sensing technology, and will include a wide range of applications of optical sensors. For more details, please visit here.

Guest Editor

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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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