



Optical Fiber Sensor Transducers Based on Hybrid and Structured Materials

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Message from the Guest Editors

Dear Colleagues,

The most important part of any type of optical sensor is the transducer, which transforms a physical, chemical or biological measurand to the selected light parameter modulation. We propose this Special Issue, entitled “Optical fiber sensors transducers based on hybrid and structured materials”, as an opportunity to focus on this particular part of the sensor. Hybrid materials applied for the transducer very often combine their organic–inorganic or organic–metal–inorganic properties when they are used, for example, in long period gratings, tapered or processed in different manners; a standard or specialty optical fiber based on inorganic glasses. Structured materials for optical fiber sensors are the transducers formed in optimized micro- or nanostructures, dual-, multi- or asymmetric core arrangements. Hybrid and structured materials applied to plastic optical fiber sensors are also included in this topic.

For more details, please visit [here](#).

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Guest Editors





sensors



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Message from the Editor-in-Chief

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