

Special Issue

Optical Fibers for Distributed Sensors

Message from the Guest Editors

We invite manuscripts, both reviews and regular submissions, for this forthcoming Special Issue, entitled “Optical Fibers for Distributed Sensors,” in all aspects pertinent to the optical fiber utilized in these systems:

- Optical fiber waveguide design and development
- Single mode, multimode, multicore, and microstructured fibers
- Novel materials, including glass, semiconductor, crystalline, and organic
- Multimaterial, composite, and “smart” fibers
- Raman, Rayleigh, and Brillouin sensing
- Active fiber technologies, such as rare earth, semiconductor, or nanoparticle doped fibers
- Fiber coating technology
- Designer response to thermomechanical environment, including athermal or atensic fiber sensors
- Fibers for harsh environments
- Cost-reducing and disruptive optical fiber technologies
- Novel applications and systems

Guest Editors

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Deadline for manuscript submissions

closed (31 December 2019)



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About the Journal

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.

Editor-in-Chief

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