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Sensors Based on Optical Waveguide

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Deadline for manuscript submissions:

closed (30 September 2021)

Message from the Guest Editors

This Special Issue aims to cover advancements, developments, and applications over a wide range of topics in this area. We solicit research papers from state-of-the-art contributions to critical reviews. Topics of interest include but are not limited to:

- Optical fiber sensors
- Integrated planar waveguide-based sensors
- Single mode, few mode, and multimode sensors
- Optical waveguides for sensing applications
- Specialty fibers for sensing application
- Photonic crystal fiber sensors
- Interferometric waveguide sensors
- Resonator waveguide sensors
- Optical waveguides sensor fabrication techniques
- Fiber Bragg gratings (FBG)
- Sensors for biomedical application
- Optical lab-on-chip sensors
- Optical fiber sensor multiplexing techniques
- Distributed fiber sensors
- Polymer optical fiber/waveguide sensors
- Novel waveguides for sensing applications



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Special Issue



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Message from the Editor-in-Chief

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