



Interferometric Fiber Sensors

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Deadline for manuscript
submissions:

closed (15 September 2023)

Message from the Guest Editors

Dear Colleagues,

Interferometric fiber sensors have been applied in various photonic applications, such as the sensing of temperature, strain, pressure, and refractive index. It is obvious that interferometric fiber-optic sensors have great potential in practical applications such as the real-time deformation monitoring of aircrafts, ships, bridges, and constructions. The use of sensing materials both on and in optical fibers is well-established for optical, chemical, and biochemical sensors. The porous and slot structure of optical fibers has the advantage of accepting various kinds of materials, which improves the sensing capabilities.

This Special Issue intends to publish papers on topics related to interferometric fiber sensors, and to address the wide range of applications of interferometric fiber sensors. Both review articles and original research papers related to the application of interferometric fiber sensors are solicited.





sensors



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Message from the Editor-in-Chief

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