

## Special Issue

# Sensors for High Temperature Monitoring

### Message from the Guest Editor

High temperature sensing is crucial in high-temperature aerospace and industrial environments, including turbine engine monitoring, hypersonic vehicle skin friction measurements, support ground and flight test operations, furnace monitoring, mining and smelting and so on. It is a great challenge using the commonly employed all-silica-fiber based optical sensors for high temperature measurements as they can only sustain temperatures up to 1000oC. Developing special fiber based optical fiber sensors for high temperature monitoring is thus strongly demanded. This Special Issue is addressed to all types of fiber-optic sensors designed for high temperature monitoring.

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### Guest Editor

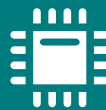
Prof. Dr. Yanping Xu

Center for Optics Research and Engineering, Shandong University, Qingdao, China

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### Deadline for manuscript submissions

25 April 2025



## Sensors

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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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### Editor-in-Chief

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