

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 1000°C. 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.

Guest Editor

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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.

Editor-in-Chief

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