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Optical Sensors for Flow Diagnostics

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Deadline for manuscript submissions:

closed (20 July 2022)

Message from the Guest Editors

The purpose of this Special Issue is to contribute to the state-of-the-art by introducing the latest developments in optical pressure (oxygen) and temperature imaging sensors based on the photochemical reaction and their applications. This Special Issue welcomes submissions of original research, novel developments, and experimental studies on optical sensors and their application in optical sensing of thermofluid dynamics.

We invite submissions on a wide range of smart sensing research, including but not limited to:

- Pressure-sensitive paint (PSP);
- Temperature-sensitive paint (TSP);
- Pressure (oxygen) sensor;
- Thermal sensor;
- Luminescence;
- Photochemical sensor;
- Thermofluid dynamics;
- Unsteady measurement;
- High-speed imaging.



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Special Issue



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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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