



sensors



an Open Access Journal by MDPI

Optical Fibre Based Pressure and Temperature Sensors for Biomedical and Industrial Applications

Guest Editors:

Prof. Dr. Gabriel Leen

Optical Fibre Sensor Research
Centre (OFSRC), University of
Limerick, Limerick, Ireland

Dr. M. Mahmood Ali

Optical Fibre Sensor Research
Centre (OFSRC), University of
Limerick, Limerick, Ireland

Deadline for manuscript
submissions:

closed (30 November 2021)

Message from the Guest Editors

Dear Colleagues,

This Special Issue invites contributions in the following topics (but is not limited to them):

- Fibre optic sensors
- Optical fibre temperature sensors
- Optical fibre pressure sensors
- Fibre Bragg gratings
- Fabry-Perot interferometer
- Biomedical
- Industrial
- Manufacture
- Optical sensors
- Intrinsic Fabry-Perot interferometer
- Extrinsic Fabry-Perot interferometer
- Raman, Brillouin, Rayleigh scatterings Specialty fibres
- Probe sensors
- Tapered shape fibre sensors
- U-shape fibre sensors
- Signal processing
- Planar lightwave structures
- Metasurfaces
- Metamaterials



mdpi.com/si/25497

Special Issue



sensors



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria
Elettrica e dell'Informazione
(Department of Electrical and
Information Engineering),
Politecnico di Bari, Via Edoardo
Orabona n. 4, 70125 Bari, Italy

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.

Author Benefits

Open Access : free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [MEDLINE](#), [PMC](#), [Ei Compendex](#), [Inspec](#), [Astrophysics Data System](#), and [other databases](#).

Journal Rank: JCR - Q2 (*Instruments & Instrumentation*) / CiteScore - Q1 (*Instrumentation*)

Contact Us

Sensors Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sensors
sensors@mdpi.com
[X@Sensors_MDPI](#)