



sensors



an Open Access Journal by MDPI

Recent Advances in Fiber Bragg Grating Based Sensors

Guest Editors:

Prof. Dr. Francis Berghmans

Vrije Universiteit Brussel, Brussels
Photonics B-PHOT, Department
of Applied Physics and Photonics,
Pleinlaan 2, 1050 Brussels, and
Flanders Make, Belgium

Prof. Dr. Thomas Geernaert

Brussels Photonics (B-PHOT),
Department of Applied Physics
and Photonics, Vrije Universiteit
Brussel and Flanders Make,
Pleinlaan 2, B-1050 Brussels,
Belgium

Deadline for manuscript
submissions:

closed (30 August 2018)

Message from the Guest Editors

Dear Colleagues,

Optical fiber grating based sensors have been the subject of extensive and relentless research efforts over the past 40 years. This Special Issue focuses on the latest developments and trends in this field, from research on new grating fabrication technologies to sensor applications in diverse fields such as bio, medical and structural health monitoring, and from grating device-level studies to new sensor interrogation technologies, interrogation and signal processing methods. We wholeheartedly invite you to participate by submitting both original research papers and review articles on fiber grating based sensor technologies. Join us in highlighting novel approaches and applications in this very active and continuously evolving research and innovation area.

Prof. Dr. Francis Berghmans

Prof. Dr. Thomas Geernaert

Guest Editors



mdpi.com/si/13232

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 and Instrumentation) / CiteScore - Q1 (Instrumentation)

Contact Us

Sensors Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

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