



sensors



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Bragg Grating Sensors

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submissions:

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Message from the Guest Editors

This special issue of *Sensors* (MDPI) reflects on the rise of Bragg grating sensing technologies, focusing on all the aspects of research and development of Bragg grating-related sensors.

Topics of interest include, but are not limited to:

- Passive sensors: LPG, FBGs, TFBGs, SSFBG, aperiodic, subwavelength gratings
- Active Sensors: laser/amplifier sensors, frequency comb-based sensors
- Interrogation techniques for sensors: TDM, WDM, OFDM, OTDR, phase-OTDR, CDMA, MWP, THz and their combinations
- Fabrication of Bragg grating sensors: waveguides, silica fibers, POE, MCF, MMF, FMF
- Optical chemical and biological sensors
- Micro and nano-engineered sensors
- Mid- and long-wavelength IR sensors
- Quantum effects in optical sensing
- Nanophotonic and plasmonic biosensors
- Sensing for food quality control
- Environmental and industrial monitoring sensors

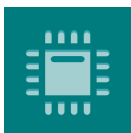
For further reading, please follow the link to the Special Issue Website at:

https://www.mdpi.com/journal/sensors/special_issues/BraggGratingSensors



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Special Issue



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Message from the Editor-in-Chief

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