

Special Issue

Enhanced Optical Fiber Based Surface Plasmon Resonance Sensors

Message from the Guest Editor

This Special Issue invites contributions of original research, which are not currently under review elsewhere in other journals or conferences, covering the following topics for fiber optic-based surface plasmon resonance (SPR) sensors performance enhancement

- New fiber designs (fabrication feasible)
- New sensor probe design (fabrication feasible)
- New plasmonic materials
- Optimization of the current state of the art info-SPR
- Fiber optic processing methods to access evanescent field
- Miniaturization of FO-SPR sensors
- Applications of FO-SPR sensors (particularly for bio-sensing)
- Long-term performance of FO-SPR sensors
- Packaging of FO-SPR sensors
- Commercialization of FO-SPR sensors

Papers covering other topics that are relevant to the Special Issue topic are also welcome.

Guest Editor

Dr. Getinet Woyessa

DTU Electro, Department of Electrical and Photonics Engineering,
Technical University of Denmark, 2800 Lyngby, Denmark

Deadline for manuscript submissions

closed (31 December 2023)



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Sensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sensors@mdpi.com

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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

Prof. Dr. Vittorio M. N. Passaro
Department of Electrical and Information Engineering, Politecnico di
Bari, Via Orabona 4, 70126 Bari, Italy

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