

## Special Issue

# Optical Sensors: Instrumentation, Measurement and Metrology

### Message from the Guest Editors

Optical sensors operate in a broad spectral range: near-UV (down to vacuum UV), visible and mid-infrared, where the physical laws and their formulations are commonly applied. However, this range is expanding its boundaries with the extension to nano-metric meta-materials that exhibit novel phenomenology, reaching into the soft X-ray region and into the far infrared, microwaves and radio waves. Additionally, materials with periodic and transducer structures may be employed as optical elements. All of them can be incorporated into the configuration of devices nowadays recognized as optical sensors. Optical sensors currently have an impact on physic-chemical methodology, the environment, manufacturing and industrial processes, healthcare (biomedicine and sanitation), aerospace, automotive, security, architecture and civil engineering, among others. Furthermore, the configuration of optical sensors in networks makes them suitable for incorporation into the IoT, and the use of AI resources brings them into the realm of big data. For more details, please visit [here](#).

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### Guest Editors

Dr. Eusebio Bernabeu

Physics Faculty, Universidad Complutense de Madrid, Ciudad Universitaria, 28040 Madrid, Spain

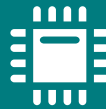
Dr. André Espinha

IberOptics Sistemas Ópticos, Camino de Hormigueras 124, Portal 4, 2I, 28031 Madrid, Spain

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### Deadline for manuscript submissions

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## Sensors

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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sensors@mdpi.com](mailto:sensors@mdpi.com)

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*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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### 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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