# **Special Issue**

# High-Resolution Spectroscopy and Sensing

# Message from the Guest Editor

High-resolution spectroscopy and sensing have emerged as powerful techniques for exploring and understanding the intricacies of various materials and systems. The Journal Sensor is pleased to announce a special issue dedicated to the advancements and applications of high-resolution spectroscopy and sensing. This special issue aims to bring together cutting-edge research and innovative methodologies that push the boundaries of high-resolution spectroscopy and sensing across diverse scientific domains. The Special Issue invites original research articles, reviews, and short communications in the following areas (but not limited to):

- Novel spectroscopic techniques and instrumentation
- High-resolution spectroscopy for material characterization
- Ultrafast spectroscopy and its applications
- Spectroscopic imaging and hyperspectral imaging
- Spectroscopy for biomedical and clinical applications
- Spectroscopic sensing for environmental monitoring
- Advances in spectroscopic analysis of nanoparticles and nanomaterials

#### **Guest Editor**

Prof. Dr. Joao da Silva Pereira

 School of Technology and Management, Polytechnic Institute of Leiria, Regional University Network, Leiria, Portugal
 "Instituto de Telecomunicações", Centre for Research in Informatics

"Instituto de Telecomunicações", Centre for Research in Informatics and Communications—CIIC, Leiria, Portugal

## **Deadline for manuscript submissions**

closed (10 June 2024)



# Sensors

an Open Access Journal by MDPI

Impact Factor 3.5 CiteScore 8.2 Indexed in PubMed



mdpi.com/si/173959

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

mdpi.com/journal/ sensors





# **Sensors**

an Open Access Journal by MDPI

Impact Factor 3.5 CiteScore 8.2 Indexed in PubMed



# **About the Journal**

# 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

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

# **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)

