# **Special Issue**

# Novel Raman-Based Spectroscopic Techniques for Bio and Chemical Sensing Application

### Message from the Guest Editors

This Special Issue intends to cover the latest developments in using Raman spectroscopy to explore samples' chemical composition or detect elusive analytes by looking at new applications and new technologies. Potential topics of interest for this Special Issue include, but are not limited to:

- Raman spectroscopy in bio-medicine;
- Raman spectroscopy in food safety;
- Raman spectroscopy in the pharmaceutical industry;
- Raman spectroscopy for the analysis of carbon materials (graphene and others);
- Surface Enhanced Raman Spectroscopy (SERS);
- SERS sensors;
- New materials for SERS analysis;
- SERS detection of diseases.

#### **Guest Editors**

Dr. Carlo Morasso

Istituti Clinici Scientifici Maugeri IRCCS, 27100 Pavia, Italy

Prof. Dr. Chandrabhas Narayana

Rajiv Gandhi Centre for Biotechnology, Thycaud P O, Thiruvananthapuram, India

#### Deadline for manuscript submissions

closed (31 July 2023)



## **Sensors**

an Open Access Journal by MDPI

Impact Factor 3.4
CiteScore 7.3
Indexed in PubMed



mdpi.com/si/138592

Sensors 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 3.4 CiteScore 7.3 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 (Chemistry, Analytical) / CiteScore - Q1 (Instrumentation)

