



sensors



an Open Access Journal by MDPI

State-of-the-Art Sensors Technology

Guest Editor:

Prof. Dr. Alexander Sutor

UMIT - Private University for Health Sciences, Medical Informatics and Technology GmbH, Department of Biomedical Informatics and Mechatronics, Institute for Measurement and Sensor Technology, Eduard-Wallnöfer-Zentrum 1, 6060 Hall in Tirol, Austria

Deadline for manuscript submissions:
closed (15 March 2022)

Message from the Guest Editor

Dear colleagues,

Sensors provide the primary environmental information necessary for the control of many processes. In the automation processes enrolled in Industry 4.0, many observations rely on information gained by sensors. Many sensor principles are well known, but their applicability depends on factors such as ease of use, robustness, accuracy, repeatability, wireless applicability, energy supply and consumption, and last but not least, cost.

This Special Issue focused on state-of-the-art sensor principles which address those tasks. The topic is open, but special focus will be given to biomedical applications, sensors for special processes, measurement by imaging technologies, optical measurement regarding selective spectroscopy, acoustic sensors and imaging, industrial applications, and wireless technologies.

Prof. Dr. Alexander Sutor
Guest Editor



mdpi.com/si/44338

Special Issue



sensors



an Open Access Journal by MDPI

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

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.

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)

Contact Us

Sensors Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sensors
sensors@mdpi.com
[X@Sensors_MDPI](#)