

Special Issue

Selected Papers from the 2023 IEEE International Conference on Metrology for eXtended Reality, Artificial Intelligence and Neural Engineering (IEEE MetroXRaine 2023)

Message from the Guest Editors

The 2023 IEEE International Conference on Metrology for eXtended Reality, Artificial Intelligence and Neural Engineering—IEEE MetroXRaine 2023 will be held on OCTOBER 25–27, 2023, in Milano, Italy (<https://metroxraine.org/>). This will be an international event, mainly aimed at creating a synergy between experts in eXtended reality, the brain–computer interface, and artificial intelligence, with special attention to measurement. Authors of papers related to sensors presented at the conference are invited to submit extended versions of their work to this Special Issue for publication. Areas of interest include, but are not limited to:

- Instrumental solutions and measurement principles for enhancing the accuracy and robustness of XR-BCI systems.
- Wearable sensors for neuroimaging.
- Multisensory experiences and improved immersion.
- Psychophysical condition monitoring.
- Deep learning-based classification.
- Bioengineering and rehabilitation.
- Biosignal processing.
- Instrumental solutions and measurement principles for smart industry.
- New challenge for metrology in the digital transformation scenario.

Guest Editors

Prof. Dr. Egidio De Benedetto

Department of Information Technology and Electrical Engineering,
University of Naples Federico II, 80138 Naples, Italy

Dr. Antonio Esposito

Department of Information Technology and Electrical Engineering,
University of Naples Federico II, 80125 Naples, Italy

Deadline for manuscript submissions



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/177411

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

[mdpi.com/journal/
sensors](https://mdpi.com/journal/sensors)





Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



[mdpi.com/journal/
sensors](https://mdpi.com/journal/sensors)



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)