



sensors



an Open Access Journal by MDPI

2021 Vision: Envisioning a New Generation of Soft Sensors Research

Guest Editors:

Prof. Dr. Salvatore Graziani

Department of Electrical,
Electronics and Computer
Engineering (DIEEI), University of
Catania, Viale Andrea Doria 6,
95125 Catania, Italy

**Prof. Dr. Maria Gabriella
Xibilia**

Department of Engineering,
University of Messina, 98166
Messina, Italy

Deadline for manuscript
submissions:

closed (30 November 2022)

Message from the Guest Editors

Dear Colleagues,

Soft Sensors are among the hottest topics in industrial research field. As a result, the number of proposed design methods is growing at an impressive rate. Nevertheless, one hand some relevant theoretical issues, concerning the Soft Sensor, need a deeper attention, on the other hand, applications in fields other than industries have been seldom proposed. A better exploitation of Soft sensors makes it mandatory approaching theoretical problems such as model interpretability, soft sensors for time varying systems, soft sensors model performance assessment and maintenance.

The full acceptance of Soft Sensor from a wider community can pave the road to their application in seldom-explored fields, such as precise agriculture, smart houses, cities, and IoT, where they can contribute to the implementation of sustainable development.

This special issue aims at collecting a blend of theoretical and applicative contribution on the topics mentioned above, which enlightens the path towards next-generation Soft Sensors.

Prof. Dr. Salvatore Graziani
Prof. Dr. Maria Gabriella Xibilia
Guest Editors



mdpi.com/si/79961

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](#)