



sensors



an Open Access Journal by MDPI

Algorithms, Systems and Applications of Smart Sensor Networks

Guest Editor:

Dr. Raquel Caballero-Aguila

Departamento de Estadística,
Universidad de Jaén, Paraje Las
Lagunillas, 23071 Jaén, Spain

Deadline for manuscript
submissions:

closed (7 February 2024)

Message from the Guest Editor

Over the last few decades, networked systems have become a fertile and significant field of research, due to their large variety of applications in data acquisition and processing. As a result, significant accomplishments have been made in the design of new system models and algorithms, as well as in the development of new applications for sensor networks. This Special Issue aims to gather the most recent advances and approaches related to these topics, within the broad field of the fundamentals and applications of multi-sensor networked systems. Contributions from both theoretical and application sides are welcome, also accepting survey/tutorial manuscripts.

Potential topics include (but are not limited to):

- Network configuration;
- System design and mathematical models in sensor networks;
- Processing of sensor data;
- Signal and image processing;
- Signal estimation over sensor networks;
- Sensor network algorithms;
- Multisensor information fusion and applications;
- Sensor network applications.



mdpi.com/si/119396

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](#)