



sensors



an Open Access Journal by MDPI

Collaborative and Cooperative Sensors

Guest Editor:

Prof. Dr. Dongwoo Kim

Department of Electronics
Engineering, Hanyang University,
Seoul 04763, Republic of Korea

Deadline for manuscript
submissions:

closed (20 May 2019)

Message from the Guest Editor

Presently, sensing and sensors are core parts of enlarging the human understanding of natural phenomena. The horizon of human understanding expands through deploying massive amounts of sensors and sensor networks. Of course, the success of artificial and deep learning techniques heavily depends on the data gathered from the sensors and, at the same time, the deep learning provides us with an easy way to analyze and understand the sensor data. Sensors or sensor systems are normally deployed in remote areas, with small-size batteries and for multiple cooperative missions. A main question in massively deploying such multiple-objective sensors is how to extend their lifetime, how to enhance their sensing accuracy, how to safely and reliably collect the data, and how to make them more economical. Collaborative and cooperative sensors may be critical to finding the answers to these questions. This Special Issue shall collect research devoted to the development of new methods in the field of cooperation and collaboration in sensors, sensor systems and sensor networks, which especially enable the economic deployment of massive sensors.



mdpi.com/si/21203

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 (*Instruments & Instrumentation*) / CiteScore - Q1 (*Instrumentation*)

Contact Us

Sensors Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

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