

Special Issue

Advanced Neurorobotics and Its Applications

Message from the Guest Editor

Neuro-inspiration has become astonishingly popular in the domain of autonomous robotics within the last decade. Common to all these works is the idea of replicating learning mechanisms, adaptive rules and decision-making of the animal's brain to implement fast and optimal solutions to the many complex tasks robots have to solve in uncertain and noisy environments as animals would do. Taking inspiration from biology serves as a blueprint to propose innovative and alternative control architectures to increase the autonomy of robots, self-driven vehicles, drones and intelligent systems. The topic of this Special Issue includes, but is not limited to, robot navigation, self-driving vehicles, developmental robotics and robot control.

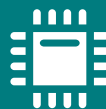
Guest Editor

Dr. Nicolas Cuperlier

ETIS Laboratory, CY Cergy-Paris University, Cergy-Pontoise, France

Deadline for manuscript submissions

closed (31 July 2024)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/191796

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)