Special Issue

Sensing, Navigation, Control and Communication of Autonomous Robotic Systems

Message from the Guest Editors

We invite submissions to a Special Issue. Intelligent robotics, artificial intelligence and the autonomy of a technical system are drivers of economic and strategic development for every modern country worldwide. Artificial intelligence and robotics systems allow machines, devices, and high-tech systems to analyze their environment and make autonomous decisions to achieve specific goals or a long-term strategy, replan these goals. In all applications, all types of onboard communication, control, navigation, tracking and sensing systems determine the success of the mission. The navigation, control and communication of autonomous vehicles, necessitate thorough and precise analyses, low-level control and navigation syntheses, simulations and the preparation of hardware experiments. This Special Issue is focused on new developments in control, navigation, communication, tracking and sensing by Autonomous Unmanned Systems used for civil and military applications. For detailed information, please visit here.

Guest Editors

Dr. Leszek Ambroziak

Dr. Jesús Rodríguez Molina

Dr. R Venkatesha Prasad

Deadline for manuscript submissions

closed (31 January 2024)



Sensors

an Open Access Journal by MDPI

Impact Factor 3.5 CiteScore 8.2 Indexed in PubMed



mdpi.com/si/170607

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

mdpi.com/journal/ sensors





Sensors

an Open Access Journal by MDPI

Impact Factor 3.5 CiteScore 8.2 Indexed in PubMed



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)

