Special Issue

Robotic Systems and Automatic Control: Mathematical Models, Technologies, Applications and Challenges

Message from the Guest Editor

Recent progress in robotics and automatic control, with innovation in computational intelligence or its use for identifying processes, has seen the development of remarkable and powerful theoretical tools for future robotic and distributed sensor networks designers.This Special Issue aims to create a collection of papers that summarize the state of the art in advances to face the new robotics needs and complex system sense strategies. Formal and reliable approaches towards intelligent robotics should be tested in real applications or case studies. Experiences in machine learning, computer vision, or any other specific subject of computational intelligence tested in real or simulated robots will be considered.With this aim, original research papers, as well as review articles, will be published to show the diversity of the new developments in these areas and their wide dissemination in these fields. If you require clarifications or wish to discuss your submission in advance, we encourage you to contact us. We look forward to and welcome your participation in this Special Issue.

Guest Editor

Dr. David Scaradozzi

Department of Information Engineering, Polytechnic University of Marche, 60131 Ancona, Italy

Deadline for manuscript submissions

closed (10 April 2025)

Sensors

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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

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