

Special Issue

Advanced Sensing and Control Technologies for Mobile and Collaborative Robotic Systems

Message from the Guest Editors

Recent technological developments have led to the widespread use of mobile and collaborative robotic systems, in a large range of applications in transportation, manufacturing, self-driving automobiles, commercial and domestic services, surveillance and medical care, and planetary surface and subsurface exploration, providing an emerging market with great potential and a significant impact on society. This Special Issue intends to provide a platform to gather the recent developments in mobile and collaborative robotic systems and the associated research, as well as to advance studies on the fundamental problems observed in collaborative and mobile robots also in healthcare applications. We welcome papers on mobile and collaborative robotic systems from both research and application perspectives. Various multidisciplinary approaches or integrative contributions, including sensing, perception, motion control, navigation, learning and adaptation, fault tolerance, filtering, teleoperation, and bio-inspired robots, are also welcome in this Special Issue. Link: <https://www.mdpi.com/si/87017>

Guest Editors

Prof. Dr. Charlie Yang

Department of Computer Science, University of Liverpool, Liverpool L69 3BX, UK

Prof. Dr. Giancarlo Ferrigno

Department of Electronics Information and Bioengineering - DEIB, Politecnico di Milano, 20133 Milano, Italy

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closed (25 November 2022)



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

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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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