

Special Issue

Smart Sensor-Based Robot Control and Calibration

Message from the Guest Editors

Sensor-based control of different robotics systems is one of the main challenges of modern robotics, pushing us to develop intelligent robots which work, move, and interact with us. Contemporary robots are being equipped with new sophisticated sensors, measuring information about the world both directly and indirectly. In addition, readily available, redundant sensor information may provide us with additional information on the robot's state and behavior. This offers robots huge potential for further enhancement of their intelligent control systems and parameter calibration using both classical and AI-based approaches. This Special Issue will highlight state-of-the-art sensor technology in applications to the area of "Smart Sensor-Based Robot Control and Calibration" through original contributions and reviews. For further reading, please follow the link to the Special Issue Website at: https://www.mdpi.com/journal/sensors/special_issues/robot_control_calibration

Guest Editors

Prof. Dr. Alexandr Klimchik

Institute of Robotics and Computer Vision, Innopolis University, Innopolis, Russia

Prof. Dr. Igor Gaponov

Institute of Robotics and Computer Vision, Innopolis University, Innopolis, Russia

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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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