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Smart Sensor-Based Robot Control and 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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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.

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Special Issue



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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

Message from the Editor-in-Chief

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Sensors Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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