Advances in Industrial Robotics and Intelligent Systems

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Deadline for manuscript submissions:
closed (31 May 2022)

Message from the Guest Editors

Dear Colleagues,

This Special Issue aims to disseminate the latest research achievements, ideas and applications of robotics, control and automation, including, but not limited to, the following:

- Fast setup of robotic systems;
- Programming robots based on CAD;
- Programming manipulators by demonstration;
- Autoadaptive and intelligent robotic cells;
- Transportable manipulators;
- Autonomous mobile manipulators;
- Mobile robot fleet management;
- Advanced sensing and perception;
- Motion control;
- Grasp planning;
- Trajectory planning in challenging environments;
- Applications of robots and mechatronics systems.

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Guest Editors

mdpi.com/si/75598

Special Issue

Editor-in-Chief

Prof. Dr. Marco Ceccarelli
LARM: Laboratory of Robotics and Mechatronics, University of Cassino and South Latium, 03043 Cassino, Italy

Message from the Editor-in-Chief

It is my great pleasure to welcome you to our open access journal, *Robotics*, which is dedicated to both the foundations of artificial intelligence, bio-mechanics and mechatronics, and the real-world applications of robotic perception, cognition and actions. The 21st century is the robotics century and intelligent robots will change our lifestyle forever. Let us work together toward the realization of intelligent robots step by step.

It is great fun to create intelligent robots and imagine their practical applications. *Robotics* is now ready to serve you in the long journey towards such a goal.

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