



Industrial Robotics in Industry 4.0

Guest Editors:

Dr. Wilfried Lepuschitz

Prof. Dr. Markus Vincze

Prof. Dr. Thomas Meurer

Dr. Munir Merdan

Message from the Guest Editors

Dear Colleagues,

The goal of this Special Issue is to present state-of-the-art contributions to industrial robot technology and present innovative developments, methodologies, and trends in research and real-world applications. This Special Issue will highlight advances in the following areas but is not limited to them:

Deadline for manuscript
submissions:
closed (20 October 2022)

- Design and modeling of robotic systems;
- Robot kinematics/dynamics/control;
- AI technologies;
- Human-robot interactions;
- Cooperative robots;
- Flexible grippers and tactile sensing;
- Robot vision;
- Motion planning and optimization;
- Experimental evaluation and benchmarking;
- Robotic applications.

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Editor-in-Chief

Prof. Dr. Marco Ceccarelli

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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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