



Development Status and Prospects of Industrial Robots

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Deadline for manuscript
submissions:
closed (15 August 2024)

Message from the Guest Editor

Dear Colleagues,

The integration of robotics in manufacturing improves productivity, accuracy, repeatability, safety, and quality. Industrial robots are vital components in repetitive and tedious tasks, in dangerous environments, or in flexible manufacturing systems. More recent use of industrial, collaborative, and mobile robots in Industry 4.0 has led to a new age of smart manufacturing in which robots are integrated with other digital technologies such as artificial intelligence and the Internet of Things.

The aim of this Special Issue is to collect high-quality research papers that address the development status and prospects of industrial robots, by covering a range of topics that include, but are not limited to, the following:

- Robots in manufacturing;
- Robots in other industrial fields, in medical fields, or in agriculture;
- Integration of industrial robots with machine vision, sensors, artificial intelligence, and Internet of Things;
- Collaborative robots;
- Soft robotics;
- Robot motion and control;
- Human–robot interactions.

I look forward to receiving your contributions.





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Message from the Editor-in-Chief

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