

Special Issue

Recent Advances in Industrial Robots

Message from the Guest Editors

Today's industrial robots work in a wide range of industries for different applications, from metal forging and plastic forming to the production of semiconductors and automobiles, and still continue to rapidly evolve.

This growth is driven largely by manufacturers that plan to use robots to tackle the looming shortage of skilled labor. Therefore, the recent advances in the development of industrial robotics demonstrated unique features. Topics include but are not limited to:

- Intelligent industrial robotics;
- AI-enabled robotics;
- Cloud robots;
- Collaborative robots;
- Industrial Internet of Things (IIoT);
- Robotics and automation;
- Computer architecture for robotics
- Computer vision for automation and manufacturing;
- Advanced sensing and navigation;
- Motion and path planning;
- Planning, scheduling and coordination;
- Human-robot collaborations;
- AR /MR in robotics;
- Digital twin for industrial robotics.

Guest Editors

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Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guestedited by leading experts in selected topics of interest.

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