

## Special Issue

# Application of Artificial Intelligence in Robotics

### Message from the Guest Editors

This collection aims to present the recent advances in the integration of AI and robotics, particularly the application of AI in robotics, the topics of interest include but are not limited to the following:

- AI-based learning and control of robot systems;
- Safety standards and regulation for AI in robotics;
- The impact of AI in robotics on work and jobs;
- Human–robot interactions, human–robot interfaces, and brain–computer interfaces;
- Wearable technologies, haptic technologies, and hardware-in-the-loop;
- AI and mobile robots, surgical robots, agriculture robots, service robots, and assistive robots;
- Open robotics systems (ORSs), virtual reality (VR), augmented reality (AR), extended reality (ER), and robot development platforms;
- Learning and transferring human skills to robotic manipulators;
- Robot system intelligentization technologies.

### Guest Editors

Dr. Guanglei Wu

Dr. Stéphane Caro

Dr. Ming Shen

Dr. Ricardo Soto

### Deadline for manuscript submissions

closed (31 December 2024)



## Electronics

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## About the Journal

### 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 guest-edited by leading experts in selected topics of interest.

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### Editor-in-Chief

Prof. Dr. Flavio Canavero

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