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Robotics

A blue-tinted photograph of a robotic arm in a factory setting, showing the arm's joints and end effector in motion.

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Message from the Editor-in-Chief

I am writing this letter to welcome your contributions to our open-access journal with the aim of broadening the dissemination of information and challenging results in all aspects of *Robotics* with impacts on science and technology and ultimately in societal development and welfare. The journal is focused on the theory, design, and practice of robots in traditional fields of application, as well as in new domains with new users. Together, we can make our journal a forum for the research and design of *Robotics* with a view towards the future.

Editor-in-Chief

Prof. Dr. Marco Ceccarelli

Aims

Robotics aims to provide an international forum with which to report the latest developments on robotic systems in theory, design, and applications with special attention to autonomous behaviors, multi-sensor fusion, learning algorithms, system modelling, control software, smart actuators, service applications, and human-machine interaction.

Scope

- The history of robotics
- Intelligent robotics, mechatronics, and biomimetics
- Novel and biologically inspired robotics
- The modeling, identification, and control of robotic systems
- Biomedical, rehabilitation, and surgical robotics
- Exoskeletons, prosthetics, and artificial organs
- AI, neural networks, and fuzzy logic in robotics
- Multimodal human-machine interaction
- Wireless sensor networks for robot navigation
- Multi-sensor data fusion and SLAM
- Service robotics, industrial robotizations, space robotics
- Sensorization, robot navigation, communication robotics
- Swarm robotics, mobile, and flying robotic systems

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Journal Rank

JCR - Q2 (Robotics) / CiteScore - Q1 (Mechanical Engineering)

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A first decision is provided to authors approximately 21 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2024)

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