

Special Issue

New Technologies and Applications of Human-Robot Intelligence

Message from the Guest Editors

Based on the latest achievements in artificial intelligence, machine learning, automatic control, unmanned system design and human-computer interaction technology, this Special Issue will focus on providing an overview of the recent advances, covering a wide realm of advanced technologies in human-robot intelligence. The topics of interest include, but are not limited to:

- Human-robot intelligence theory and technology;
- Intelligent information processing and coordination between humans and robots;
- Human behavior and machine intelligence;
- Human-assisted intelligence for robots;
- Multi-agent-based human-robot intelligence;
- Human interaction with swarm robots/unmanned systems;
- Human-robot interaction with heterogenous sensors and actuators;
- Human-robot interaction for smart cities;
- Communications and networking technology of human-robot intelligence;
- Modeling and simulation technology of human-robot intelligence;
- Other related theories, methods, and techniques for human-robot intelligence.

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Guest Editors

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Deadline for manuscript submissions

closed (20 December 2023)



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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.

Editor-in-Chief

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.8 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).