

Special Issue

Robotics: From Technologies to Applications

Message from the Guest Editors

Robotics is evolving from being a technology-driven field to being one centered on practical applications that address real-world challenges. This Special Issue, titled "Robotics: From Technologies to Applications," will showcase the latest advancements and innovative solutions in robotics, spanning various sectors such as healthcare, agriculture, manufacturing, logistics, and service industries. We invite contributions that explore the technical challenges and breakthroughs in robotic perception, manipulation, mobility, human–robot interactions, and autonomous systems. Papers demonstrating practical applications and real-world implementations are particularly welcome. Topics of interest include, but are not limited to, the following:

- AI for robotic perception and decision-making;
- Advanced sensing and actuation technologies;
- Human–robot interaction and collaboration;
- Robotics in healthcare and rehabilitation;
- Agricultural robotics for precision farming and harvesting;
- Industrial robots for manufacturing and automation;
- Service robots for logistics, retail, and hospitality.

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Deadline for manuscript submissions

15 August 2025



Electronics

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Impact Factor 2.6
CiteScore 6.1



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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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