

Special Issue

Advanced Technologies in Robotics and Smart Manufacturing

Message from the Guest Editor

This Special Issue will focus on recent technological advances in robotics, autonomous systems, and smart manufacturing. It will focus on various topics in robotics, including but not limited to digital twins, swarm robotics, robot teaming, robots in manufacturing, industrial automation, human robot teaming, wearable robots, medical robotics, machine learning, smart and digital manufacturing, drones, etc. Original articles related to drones, human–robot interactions, Generative AI and its applications in robotics and manufacturing, smart and distributed manufacturing, recent trends in automation, applications of digital twins, Digital Shadows for robotics and manufacturing, human digital twin and its interface with robotic digital twin, Cognitive Digital Twin, and ultra-lean decentralized manufacturing are welcome.

Guest Editor

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Deadline for manuscript submissions

closed (1 March 2025)



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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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