

Special Issue

Advanced Technologies in Autonomous Robotic System

Message from the Guest Editors

The past years have witnessed significant improvements in the development of autonomous robotic systems, along with advances in artificial intelligence (AI), human–robot interaction, sensing technology, and dynamic system control methodologies. Endowed with inherent advantages of autonomy, the latest autonomous robotic systems showcase great advantages in numerous applications, including autonomous navigation, autonomous manufacturing, human–robot interaction, and social robots emerging in recent years. This Special Issue focuses on providing an overview of the recent advances covering a wide realm of advanced technologies in autonomous robotic systems. This Special Issue highly welcomes original papers on the theoretical advancements and practical applications of autonomous robotic systems. Review papers or tutorial papers on this topic are also encouraged.

Guest Editors

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Dr. Xing Wu

Dr. Marco Cognetti

Deadline for manuscript submissions

closed (28 September 2023)



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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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