

## Special Issue

# Autonomous Mobile Robotics: Latest Advances and Prospects

### Message from the Guest Editors

The Special Issue aims to provide a comprehensive overview of cutting-edge developments and future directions in the field of autonomous mobile robotics. With the demand for autonomous systems continuing to rise across various industries, this Special Issue will focus on the latest advancements, challenges and potential solutions in the design, control and application of autonomous mobile robots. Topics of interest include, but are not limited to: Sensor Fusion and Perception  
Navigation and Path Planning  
Machine Learning in Robotics  
Human-Robot Interaction  
Multi-Robot Systems  
Real-World Applications This Special Issue invites researchers, academics and industry professionals to contribute original research articles, reviews and perspectives that contribute to advancing the state of the art in autonomous mobile robotics. The goal is to foster interdisciplinary discussions and provide a platform for sharing innovative ideas and solutions to propel the field forward.

### Guest Editors

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### Deadline for manuscript submissions

closed (31 December 2024)



## Applied Sciences

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## About the Journal

### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
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