

## OS Title

qk377

Autonomous Mobile Robots and Intelligent Systems: Recent Trends and Applications

## Abstract

In recent years there has been a surge in the field of autonomous mobile robots in different areas of research and practical applications. From self-driving cars to UAVs, autonomous robots (land, air and water) are increasingly being developed for different applications and places such as search and rescue, agriculture, maintenance, inspection, surveillance, mapping, and human assistance at home, warehouses and hospitals. The availability of cheap sensors and powerful embedded systems, have enabled the development of intelligent systems in the field of mobile robotics. This session is aimed to discuss new emerging ideas and applications for the development of intelligent systems for autonomous mobile robots. The session will bring together researchers from wide range of fields and provide an open discussion forum to get new ideas and constructive feedback from a lot of researchers.

*In particular, we are interested in original ideas and unpublished contributions from diverse areas of robotics and intelligent systems. System design, works in progress, and simulations are also welcome, provided they meet the guidelines of the session.*

## Organizers

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