

Special Issue

Autonomous Navigation of Mobile Robots and UAV

Message from the Guest Editors

In the era of the 4th industrial revolution, robots with autonomous driving technology are receiving significant attention across various fields. Mobile robots are not limited to the ground but are expanding their domain to underwater, water (surface) and air. In this Special Issue, we include excellent studies across all areas of recognition, decision-making, and the control of autonomous driving robots applied to diverse areas. It is expected that various research results will be shared, from experimental research using robot hardware to simulation-based research using simulation tools.

- path planning for autonomous agents
- enhancing localization of a mobile robot
- motion control of a mobile robot
- application of mobile robots to specific areas
- multi-agent management system

Guest Editors

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About the Journal

Message from the Editor-in-Chief

Machines is an international, peer reviewed journal on machinery and engineering. It publishes research articles, reviews and communications.

Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the length of the papers. Full experimental and/or methodical details must be provided.

There are, in addition, unique features of this journal: Manuscripts regarding research proposals and research ideas will be particularly welcomed; Electronic files or software regarding the full details of the calculation and experimental procedure - if unable to be published in a normal way can be deposited as supplementary material.

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