

Special Issue

Artificial Intelligence for Automatic Control of Vehicles

Message from the Guest Editors

AI and machine learning also play a significant role in Autonomous Vehicles. Autonomous technology is a promising one and it hopefully leads to safe, easy, and sustainable transportation. Thus, the Special Issue focuses on architectures, algorithms and technologies for AI and Autonomous Vehicles. Prospective authors from both industry and academia are invited to submit original manuscripts on this topics including:

- AI and machine learning techniques for Vehicles
- AI-empowered approach to control of Vehicles
- 5G, IoT and Edge computing for Autonomous Vehicles
- Cooperative perception and collaborative behavior of Autonomous Vehicles
- Autonomous freight transportation and delivery
- AI and traditional approach used together in sensor fusion for Vehicles

Guest Editors

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Deadline for manuscript submissions

closed (15 April 2024)



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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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manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.6 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the second half of 2025).