Autonomous Vehicles: Technology and Application

Guest Editors:

Prof. Dr. Yi Han
School of Automobile, Chang'an University, Xi'an 710064, China

Prof. Dr. Xiaojun Tan
School of Intelligent Systems Engineering, Sun Yat-sen University. Room.628, Block 1 of Engineering Building, #66 Gongchang Rd., Shenzhen 518107, China

Deadline for manuscript submissions:
30 June 2024

Message from the Guest Editors

Dear Colleagues,

We invite submissions to this Special Issue devoted to the technology and application of autonomous vehicles. Driverless driving helps improve traffic safety and efficiency, which is a hot topic in the development of artificial intelligence technology and intelligent transportation technology. Driverless technology is a synthesis of many cutting-edge disciplines such as sensors, computers, artificial intelligence, communications, navigation and positioning, pattern recognition, machine vision, and intelligent control. In recent years, with the maturity of unmanned driving technology, the application and industrial system of the low-speed unmanned driving market have begun to see a larger scale. The application of unmanned driving will have a disruptive impact on the industry and encourage and promote the progress and technological upgrading of vehicle manufacturers.

For this Special Issue, we invite submissions exploring cutting-edge research and recent advances in the fields of autonomous vehicles. Both theoretical and experimental studies are welcome, as well as comprehensive reviews and survey papers.

Prof. Dr. Yi Han
Prof. Dr. Xiaojun Tan
Guest Editors

Special Issue

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.
High Visibility: indexed within Scopus, SCIE (Web of Science), Inspec, CAPlus / SciFinder, and other databases.
Journal Rank: JCR - Q2 (*Engineering, Multidisciplinary*) / CiteScore - Q1 (*General Engineering*)

Contact Us