



## Artificial Intelligence in Automotive Technology

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### Message from the Guest Editors

Dear Colleagues,

Autonomous vehicles (AVs) will have a global impact that will change society, roadway safety, and transportation systems in the future. They offer new opportunities to meet the ever-increasing demands in urban mobility and the modern logistics sector.

The rise of machine learning enables new approaches to AV algorithms, bringing the first AVs on public roads in cities such as Phoenix and San Francisco. However, there are still significant challenges regarding robustness, for example, in complex scenarios (edge cases) or severe weather conditions, which are often approached by sensor fusion techniques. Additionally, transferring existing algorithms to new domains still requires vast amount of data, which are increasingly replaced by simulated or synthetic sensor data.

The Special Issues covers all relevant aspects in the field of artificial intelligence, with a particular focus on machine learning and deep learning techniques. In addition, all theoretical aspects will be related to automotive technology topics in the context of sensors.

For detailed information, please visit [here](#).

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## Message from the Editor-in-Chief

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