

## Special Issue

# Advanced Vehicle Dynamics and Autonomous Driving Applications

### Message from the Guest Editors

Autonomous vehicles (AVs) are revolutionizing the automotive industry, making vehicle dynamics a crucial area of focus in their development and deployment. These vehicles require a deep understanding and management of complex dynamics to ensure optimal safety, comfort, and performance across diverse driving environments. As autonomous driving systems (ADS) evolve, vehicle dynamics becomes an essential component of their design, especially when addressing challenges posed by variable road conditions, unpredictable traffic situations, and vehicle heterogeneity.

This Special Issue aims to explore cutting-edge techniques and methodologies that address the vehicle dynamics challenges faced by autonomous systems. The objective of this Special Issue is to highlight recent advancements and ongoing efforts that contribute to the development of safe, efficient, and reliable autonomous driving systems.

We welcome submissions that explore these topics and look forward to receiving contributions that push the boundaries of vehicle dynamics in autonomous driving applications.

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### Guest Editors

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### Deadline for manuscript submissions

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## Vehicles

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#### Editor-in-Chief

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