

## Special Issue

# Modeling and Control of Mixed Traffic Flow with Connected Automated Vehicle

### Message from the Guest Editors

This Special Issue aims to bring together original research articles and review articles highlighting any aspect of the modeling and control of mixed traffic flow with connected automated vehicles (CAVs). Potential topics include but are not limited to the following: a review of mixed traffic flow models; the car following and lane changing model of CAVs; new theory and method of CAVs; traffic flow management, control, and optimization of CAV traffic flow; simulation method of CAV traffic flow; safety analysis of CAV traffic flow; fuel consumption and emission of CAV traffic flow.

### Guest Editors

Dr. Zhihong Yao

School of Transportation and Logistics, Southwest Jiaotong University, Chengdu 611756, China

Dr. Linheng Li

School of Transportation, Southeast University, Nanjing 210018, China

### Deadline for manuscript submissions

30 November 2025



## Sensors

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*Sensors*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sensors@mdpi.com](mailto:sensors@mdpi.com)

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### Message from the Editor-in-Chief

*Sensors* is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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### Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy

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