

SoCAV 2025

2025 International Symposium on Connected and Autonomous Vehicles



Welcome To SoCAV 2025

2025 International Symposium on Connected and Autonomous Vehicles (SoCAV 2025) will be held in **Huzhou, China** during **October 24-26, 2025**. The conference is dedicated to providing the platform and opportunities for researchers, scientists, engineers and scholars to exchange and share their experiences, new ideas and research in the common research field of Connected and Autonomous Vehicles, and to discuss practical issues, the challenges encountered as well as the solutions adopted.

The SoCAV 2025 conference committee is excited to invite authors and scholars from all over the world to participate in this significant conference, to enhance our knowledge and create new knowledge to help promote the advances and changes of the joint academic researches.

Publication:

All accepted and presented full papers will be included in the digital conference proceeding, and submitted to major citation databases like EI Compendex, SCOPUS, Google Scholar etc. for reviewing and indexing.

<https://cmt3.research.microsoft.com/User/Login?ReturnUrl=%2FSoCAV2024>



CALL FOR PAPERS

- 5G for connected and automated vehicles
- ADAS technologies, systems and applications
- Artificial Intelligence and Machine Learning for CAVs
- Automotive cybersecurity, liability and privacy
- Automotive IoT
- Autonomous driving
- CAVs and vulnerable road users
- Computer aided modeling, simulation, verification
- Connected and automated vehicle safety applications
- Deep learning
- Emotion detection in self-driving vehicles
- Field trials
- Formal Methods and Model Checking in Autonomous Driving
- Networked automotive cyber-physical systems
- Radar, Sonar, Linear
- Sensing, detection, and actuation
- Smart and shared mobility systems and applications
- Standards development, business models, policies
- V2V, V2I and V2X communications

Key Dates:

Abstract Submission: June 9, 2025

Full Paper Submission: June 24, 2025

Notification: July 24, 2025

Registration: September 24, 2025

Camera Ready: September 24, 2025

Main Conference: October 24-26, 2025

Submission:

1. Manuscripts submitted to the conference should be written in English only.
2. Manuscripts submitted to the conference should follow the template provided: Full Paper Template, Abstract Template
3. Manuscripts can be submitted in Doc, Docx and PDF format.
4. Oral or Poster presentations should be nominated while submitting an abstract.
5. The ordinary length is suggested no less than 5 pages, including all figures, tables, references, and appendices. If the paper exceeds 5 pages, the additional pages will be charged at the time of registration