SoCAV 2022

2022 International Symposium on Connected and Autonomous Vehicles

Seoul, South Korea | May 20-22, 2022

CALL FOR PAPERS

Prospective authors are welcome to submit original papers following the manuscript guidelines on topics including, but not limited to:

– 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
– Coexistence of CAVs, automated, connected, conventional and legacy vehicles
– 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
– Human factors, human machine interfaces and Human-Vehicle Interaction
– Impact of CAVs on transport safety, traffic management, characterization and prediction
– In-car electronics and embedded software, OS and systems
– In-vehicle communications
– Machine vision
– Mapping and localization
– Motion Planning, Decision-Making, and Controls for CAVs
– Multi-CAV Coordination
– Multi-sensor fusion
– 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
– Vehicular and transportation data analytics
– Vehicular networks
– Vision and environment perception

Please visit the conference website for more details: https://www.socav.org/cfp

Publication:

Conference presented and registered full paper will be included in Journal of Physics: Conference Series(JPCS), and submitted to major citation databases like **Ei Compendex, SCOPUS,** Google Scholar etc. for reviewing and indexing.
A selection of good papers can be recommended to submit to journals for publication after significant extension.

Important Dates:

Abstract Submission   March 20, 2022
Full Submission   Apral 20, 2022
Registraton   May 13, 2022
Main Conference   May 20-22, 2022

Welcome

2022 International Symposium on Connected and Autonomous Vehicles (SoCAV 2022) will be held in Seoul, South Korea during May 20-22, 2022. 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 2022 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.

Confrence Committees

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Paper Submission:

1.Submit Via CMT:
https://cmt3.research.microsoft.com/SOCAV2022
2.Submit Via email directly to: socav@iaeeee.org

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