



CALL FOR PAPERS

ICAVDAS 2021
Sep 06-07, 2021
Prague, Czechia

The International Research Conference is a federated organization dedicated to bringing together a significant number of diverse scholarly events for presentation within the conference program. Events will run over a span of time during the conference depending on the number and length of the presentations.

ICAVDAS 2021 : International Conference on Autonomous Vehicles and Driver Assistance Systems is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Autonomous Vehicles and Driver Assistance Systems. The conference will bring together leading academic scientists, researchers and scholars in the domain of interest from around the world. Topics of interest for submission include, but are not limited to:

Autonomous vehicles
Control of autonomous vehicles
Autonomous driving and driver assistance systems
Autonomous vehicles and autonomous driving
Connected and intelligent vehicle applications and cloud-based services
Machine learning for autonomous vehicles
Vision, lidar and radar perception
Sensor calibration-multimodal sensor fusion
Perception in challenging conditions
Scene understanding
Software architectures for autonomous vehicles
Special sensors for autonomous navigation
Driver-vehicle interaction and assisted driving

Navigation, motion planning and maneuvering
Vehicle dynamics and control
Outdoors SLAM and Visual Odometry
Heads up Display for Vehicle to Driver Communication
Augmented Reality in DAS-V2V and V2I communications
Machine learning systems, algorithms, and AI in connected and autonomous vehicles
Connected digital and life experiences in the vehicle
Cyber-physical systems and technologies, including IoT and embedded systems
Contextual and personalized recommendation engines
Privacy and security issues for connected and autonomous driving
Legal issues and government perspectives
Frameworks, scalable platform, and architectures for connected and autonomous driving
Social implications and community experiences

