



# CALL FOR PAPERS

**ICADAV 2021**  
**Jun 03-04, 2021**  
**New York, USA**

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.

ICADAV 2021 : International Conference on Autonomous Driving and Autonomous Vehicles is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Autonomous Driving and Autonomous Vehicles. 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

