

NOTE:

Information was extracted from the Extended Abstract submitted by authors who chose the Category 2 submission method.

<b>Day 3 (Friday, November 10)</b>			
	<b>Room A</b>	<b>Room B</b>	<b>Room C</b>
8:30	Registration		
9:00	Fri-AM1-A1 Sponsor Speech Towards the Collision-free Society; Recent Progress of Advanced Driver Assistance and Automated Driving		
9:30	Fri-AM1-A2 Keynote Session 3 Human Interactive Driving: Exploring a New Way for People and AI-powered Vehicles to Interact		
10:20	Coffee Break (10:20-10:50)		
	<b>Environment Perception 1</b>	<b>Automated Vehicle Control on Highway</b>	<b>Two-wheelers Safety</b>
10:50	<i>Fri-AM2-A-1</i> Active Learning with Self-supervised Learning for Imaging Radar Akita	<i>Fri-AM2-B-1</i> Adaptive Cruise Control Based on Time-to-collision for Cut-in Scenarios Jiang, Chen	<i>Fri-AM2-C-1</i> Practical Design and Effects Certification of Falling Prevention System for Bicycle with Fly-wheel Control Fujiwara, Furukawa, Hasegawa, et al.
11:10	<i>Fri-AM2-A-2</i> Characterization of Localization Using 3D Point Clouds Based on Plane Similarity Takahashi, Aoki, Kato, et al.	<i>Fri-AM2-B-2</i> Autonomous Lane-changing System at Congested Merging Area Woo, Tetsuka, Gwak	<i>Fri-AM2-C-2</i> Self-localization for Mobility Scooter by Using Infrastructure Sensor Yamauchi, Ogawa, Kubo, et al.
11:30	<i>Fri-AM2-A-3</i> Anomalous Sound Localization and Classification in Urban Environments for Mobile Autonomous Vehicles Giovanni, Carballo, Ohtani, et al.	<i>Fri-AM2-B-3</i> Risk-aware Lane Change Decision for Autonomous Vehicle Considering Feasibility Yoon, Lee, Yi	<i>Fri-AM2-C-3</i> A Blind Spot Area Prediction Method for Safe Bicycle Riding Using Depth Estimation and Semantic Segmentation Li, Hayashi, Ono
11:50	<i>Fri-AM2-A-4</i> In Cabin Monitoring: New Approach to Detect Forgotten Objects Inside a Car and Object-to-person Assignment Tadjine, Schweizer, Lipka	<i>Fri-AM2-B-4</i> Effect of Mainstream Traffic Control for Highway Merge Assistance on the Stability of Platoon and Traffic Flow Yoshioka, Suzuki	<i>Fri-AM2-C-4</i> Understanding Cyclist Behavior at Blind Intersection Situations by Using Drive Recorder Data Doi, Saito, Itoh
12:10	Lunch (12:10-13:30)		
	<b>Room A</b>	<b>Room B</b>	<b>Room C</b>
	<b>Environment Perception 2</b>	<b>Driver Monitoring</b>	<b>Safety Impact Assessment</b>
13:30	<i>Fri-PM1-A-1</i> Study on External Recognition by Point Cloud Data Using Machine Learning Takahashi, Hirose, Ito	<i>Fri-PM1-B-1</i> Study on Estimation of Driver Drowsiness by Using Millimeter Wave Radar Suemura, Ito, Watanabe, et al.	<i>Fri-PM1-C-1</i> Development and Validation of a Simulation Toolchain for the Assessment of the Injury Reduction Performance of Active Safety Systems Ferson, Bergamini, Mallada, et al.
13:50	<i>Fri-PM1-A-2</i> Simultaneous Clustering and Tracking by Kalman Filter for Point Cloud of LiDAR Shen, Saito, Uzawa, et al.	<i>Fri-PM1-B-2</i> Design and Implementation of a Capacitive Steering Grip Sensor Using a Steering Switch Assembly Kawaguchi	<i>Fri-PM1-C-2</i> Methodology for the Objective Description of Complex Driving Scenarios Pethe, Flormann, Henze, et al.
14:10	<i>Fri-PM1-A-3</i> GAN-powered Safe Deep Reinforcement Learning for Multi-vehicle Pursuit under Dynamic Traffic Scene Yang, Li, Yuan, et al.	<i>Fri-PM1-B-3</i> Association between Steering Control and Mental Workload on Real Road Driving Choi, Kato, Takeda, et al.	<i>Fri-PM1-C-3</i> Analyzing the Impact of Adaptive Cruise Control on Motorcycle Safety Riahi, Moula, Serre
14:30	<i>Fri-PM1-A-4</i> Intersecting Heterogeneous Graph Reinforcement Learning for Non-preset Multi-vehicle Pursuit in Dense Urban Traffic Wang, Li, Zhang, et al.	<i>Fri-PM1-B-4</i> Study on Driver Arousal Maintenance Biometric Data Tanaka, Ito, Obana, et al.	<i>Fri-PM1-C-4</i> Development of Subjective and Objective Evaluation Protocol on ADAS Uehara, Goh, Fujihara, et al.
14:50		<i>Fri-PM1-B-5</i> Evolution of Mind Wandering While Driving with Different Levels of Vehicle Automation Marti, Charron, Schnebelen, et al.	<i>Fri-PM1-C-5</i> Autonomous Car and Microethics in Our Daily Life Ito
15:10	Coffee Break (15:10-15:40)		
	<b>Room A</b>	<b>Room B</b>	<b>Room C</b>
	<b>Environment Perception 3</b>	<b>Human Machine Interface / Interaction</b>	<b>Modeling and Simulation</b>
15:40	<i>Fri-PM2-A-1</i> The Study of Dynamic Lane Assignment Based on Connected System Irie, Akasaka, Sano, et al.	<i>Fri-PM2-B-1</i> Analyzing the Effect of Turn Signal Sounds on Driver Alertness and Comfort Miyajima, Sugiyama, Kobayashi	<i>Fri-PM2-C-1</i> A Joint Approach Towards Data-driven Virtual Testing for Automated Driving: The AVEAS Project Eisemann, Fehling-Kaschek, Forkert, et al.
16:00	<i>Fri-PM2-A-2</i> The Study of Efficiency of Lane Levels Traffic Conditions Based on Smartphone Data Irie, Mochizuki, Asao, et al.	<i>Fri-PM2-B-2</i> Impact of Interaction between External HMI and Encounter Timing on Acceptance of Automated Trucks at Junction: A Simulator Study Gwak, Shimono, Suda	<i>Fri-PM2-C-2</i> Superior Steering Response and Obstacle Avoidance Capabilities in Personal Mobility Vehicles (PMVs) Through Active Inward Tilt and Load Transfer Between Front Wheels Haraguchi, Kaneko, Kageyama
16:20	<i>Fri-PM2-A-3</i> Cooperative Driving Strategy for Intelligent Rescue Mobility – Automated Emergency Lane Creation Meyer, Flormann, Henze	<i>Fri-PM2-B-3</i> Effects of HMI Elements on Take-over Performance in Conditionally Automated Driving Hasegawa, Lee, Nakamura, et al.	<i>Fri-PM2-C-3</i> Simulation of Risky Situations between an Autonomous Vehicle and a Motorcycle Naude, Serre
16:40	<i>Fri-PM2-A-4</i> Modular Multi-sensor Fusion for Lane Cthe Proposedse Reconstruction Applied to Highly Autonomous Driving Tadjine, Kaddache	<i>Fri-PM2-B-4</i> Why Discomfort May Hinder Safety: Carsickness in Automated Vehicles Souman, Bos	<i>Fri-PM2-C-4</i> Initial Verification of DIVP for Radar Sensor Model Simulation Okamoto, Naito, Tengeiji, et al.
17:00	Closing Session		