

<p><b>7:30 – 8:15</b></p>	<p><b>Breakfast</b></p>
<p><b>8:15 – 8:30</b></p>	<p><b>Open Remarks: General chairs and TPC chairs</b></p> <ul style="list-style-type: none"> <li>○ Junshan Zhang, University of California at Davis</li> <li>○ Weisong Shi, University of Delaware</li> <li>○ Oleg Gusikhin, Ford Motor Company</li> </ul>
<p><b>8:30 – 9:30</b></p>	<p><b>Keynote Speech 1:</b>  <b>Speaker:</b> Vishnu Sundaram, SVP of Cockpit and Connected Services at Stellantis  <b>Session Chair:</b> Weisong Shi</p>
<p><b>9:30 – 9:45</b></p>	<p><b>Coffee Break</b></p>
<p><b>9:45 – 11:15</b></p>	<p><b>Conference Session I (90 minutes) – AI-enabled mobility technologies</b>  <b>Session Chair:</b></p> <p><b>Sniffer Faster R-CNN: A Joint Camera-Lidar Object Detection Framework with Proposal Refinement</b>        Sudip Dhakal, Qi Chen, Deyuan Qu, Dominic Carrillo, Qing Yang, Song Fu        University of North Texas</p> <p><b>FLOW: A Scalable Multi-Model Federated Learning Framework on the Wheels</b>        Yongtao Yao, University of Delaware        Nejib Ammar, Toyota InfoTech        Weisong Shi, University of Delaware</p> <p><b>RAMRL: Augmented Multimodal Reinforcement Learning for Robust On-Ramp</b>        Merging Gaurav Bagwe, Michigan Technological University        Xiaoyong Yuan, Michigan Technological University        Xianhao Chen, University of Hong Kong        Lan Zhang, Michigan Technological University</p>
<p><b>11:15 – 13:00</b></p>	<p><b>Lunch and Break</b></p>

<p><b>13:00 – 14:30</b></p>	<p><b>Panel: Mobility: Challenges and Opportunities</b></p> <p><b>Moderator:</b> Weisong Shi, University of Delaware</p> <p><b>Panelists:</b></p> <ul style="list-style-type: none"> <li>○ Sushanta Das, Technical Director, American Center for Mobility</li> <li>○ Wende Zhang, Director, ADAS Sensing and Localization SW</li> <li>○ Cal Coplai, Staff Technical Program Manager, Cavnu</li> <li>○ Kristin Slanina, Chief Innovation Officer at ParkMyFleet</li> <li>○ Luke Harvey, Principal Partner Solution Architect at AWS</li> </ul>
<p><b>14:30 – 14:45</b></p>	<p style="text-align: center;"><b>Coffee Break</b></p>
<p><b>14:45 – 16:15</b></p>	<p><b>Conference Session II (90 minutes) – Indoor Mobility</b> <b>Session Chair:</b></p> <p><b>FollowMe: A Robust Framework for the Guidance of Sensorless Indoor Mobile Robots</b> Sanjith Udupa, Novi High School Liangkai Liu, Wayne State University Weisong Shi, University of Delaware</p> <p><b>DC-HEN: A Deadline-aware and Congestion-relieved Hierarchical Emergency Navigation Algorithm for Ship Indoor Environments</b> Xiaoling Zeng, Kezhong Liu, Yuting Ma, Mozi Chen School of Navigation, Wuhan University of Technology</p> <p><b>m-BMC: Exploration of Magnetic Field Measurements for Indoor Positioning Using mini-Batch Magnetometer Calibration</b> Hamaad Rafique, Davide Patti, Maurizio Palesi, Vincenzo Catania University of Catania</p>
<p><b>16:15 – 16:30</b></p>	<p style="text-align: center;"><b>Coffee Break</b></p>

<p><b>16:30 – 18:00</b></p>	<p><b>Conference Session III (90 minutes) – Real-time Mobility</b>  <b>Session Chair:</b></p> <p><b>Real-Time Vehicle Localization Using Steering Angle in Urban Cities</b>          Raef Abdallah, Wayne State University          Baofu Wu, Hangzhou Dianzi University          Jian Wan, Hangzhou Dianzi University</p> <p><b>Modeling and Property Analysis of the Message Synchronization Policy in ROS</b>          Ruoxiang Li, Cityu University of Hong Kong          Zheng Dong, Wayne State University          Jen-Ming Wu, Hon Hai Research Institute          Chun Jason Xue, City University of Hong Kong          Nan Guan, City University of Hong Kong</p> <p><b>Conservative Estimation of Perception Relevance of Dynamic Objects for Safe Trajectories in Automotive Scenarios</b>          Ken Mori, Technische Universität Darmstadt          Kai Storms, Technische Universität Darmstadt          Steven Peters, Technische Universität Darmstadt</p>
<p><b>18:00 – 19:00</b></p>	<p><b>Reception</b></p>
<p><b>19:00 – 20:00</b></p>	<p><b>Award Ceremony</b></p>

<p><b>7:30 – 8:30</b></p>	<p><b>Breakfast</b></p>
<p><b>8:30 – 9:30</b></p>	<p> <b>Keynote Speech 1:</b>  <b>Speaker:</b> Robert Day, Director of Arm’s Automotive Go-to-Market activities for North America  <b>Session Chair:</b> Weisong Shi         </p>
<p><b>9:30 – 9:45</b></p>	<p><b>Coffee Break</b></p>
<p><b>9:45 – 11:15</b></p>	<p> <b>Conference Session IV (90 minutes) – Mobility as a service</b>  <b>Session Chair:</b> </p> <p> <b>Autonomous Shuttle Integrated in a Communication and Sensing City Infrastructure</b>          João Amaral, João Viegas, Bruno Lemos, Pedro Almeida, Rodrigo Rosmaninho, Gonçalo Perna, Pedro Rito, Susana Sargento          Instituto de Telecomunicações, Universidade de Aveiro       </p> <p> <b>Enhanced Multiple DBSCAN Algorithm for Traffic Detection Using mmWave Radar</b>          Bao Ming Ding, McMaster University          Yixin Huangfu, McMaster University          Howard Zhang, McMaster University          Ching-Hung Tan, McMaster University          Saeid Habibi, McMaster University       </p> <p> <b>Wind Sensitivity of Electric Vehicle Energy Consumption and Influence on Range Prediction and Optimal Vehicle Routes</b>          Trung Tran, University of Michigan          Ilya Kolmanovsky, University of Michigan          Erik Biberstein, Ford Motor Company          Omar Makke, Ford Motor Company          Marina Tharayil, Ford Motor Company          Oleg Gusikhin, Ford Motor Company       </p>
<p><b>11:15 – 13:30</b></p>	<p><b>Lunch and Break</b></p>

<p><b>13:30 – 15:00</b></p>	<p><b>Conference Session V (90 minutes) – Planning and Control Technologies</b>  <b>Session Chair:</b></p> <p><b>Effects of Neural Network Architecture on Topography Estimation from Satellite Imagery for Multi-Terrain Autonomous Vehicle Path Planning and Control</b>          Ryan Lynch, North Carolina State University          Sumedh Beknalkar, North Carolina State University          Jack Lynch, North Carolina State University          Andre Mazzoleni, North Carolina State University          Matthew Bryant, North Carolina State University</p> <p><b>Intervention Request Planning with Operator Capability Model for Human-Automation Cooperative Recognition</b>          Atsushi Kuribayashi, Nagoya University          Eijiro Takeuchi, TierIV Inc.          Alexander Carballo, Nagoya University          Yoshio Ishiguro, The University of Tokyo          Kazuya Takeda, Nagoya University</p> <p><b>Improving GPS-based Mode of Transport Detection in Multi-Modal Trips using Stop Analysis</b>          Jens Klinker, Technical University of Munich          Mariana Avezum-Mercer, Technical University of Munich          Stephan M. Jonas, University Hospital Bonn</p>
<p><b>15:00 – 15:15</b></p>	<p><b>Coffee Break</b></p>
	<p><b>Conference Session VI (90 minutes) – Emerging technologies in Mobility</b>  <b>Session Chair:</b></p> <p><b>Predictive World Models from Real-World Partial Observations</b>          Robin Karlsson, Nagoya University          Alexander Carballo, Gifu University          Keisuke Fujii, Nagoya University          Kento Ohtani, Nagoya University          Kazuya Takeda, Nagoya University</p>

<p><b>15:15 – 17:15</b></p>	<p><b>SLAM Sharing Among Heterogeneous Sensors</b>  Ren Zhong, Wayne State University  Liangkai Liu, Wayne State University  Weisong Shi, University of Delaware</p> <p><b>Presenting a Statistical Approach for Transforming Standardized German Traffic Surveys into Origin-Destination Matrices</b>  Jens Klinker, Technical University of Munich  Joe Yu, Technical University of Munich  Mariana Avezum-Mercer, Vay Technology GmbH  Stephan M. Jonas, University Hospital Bonn</p> <p><b>Dual-Weight Particle Filter for Radar-Based Dynamic Bayesian Grid Maps</b>  Max Peter Ronecker, Technical University Graz  Michael Stolz, Technical University Graz  Daniel Watzenig, Technical University Graz</p>
<p><b>17:15 – 19:00</b></p>	<p><b>Reception/Demos and Posters</b></p>

<p><b>8:00 – 9:00</b></p>	<p><b>Breakfast</b></p>
<p><b>9:00 – 10:30</b></p>	<p> <b>Conference Session VII (90 minutes) – Validation and Testing</b>  <b>Session Chair:</b> </p> <p> <b>A Strategy for Boundary Adherence and Exploration in Black-Box Testing of Autonomous Vehicles</b>            John M. Thompson, Embry-Riddle Aeronautical University            Quentin Goss, Embry-Riddle Aeronautical University            Mustafa Ilhan Akbas, Embry-Riddle Aeronautical University         </p> <p> <b>Sybil Detection in Connected Vehicle Systems via Angle-of-Arrival Estimation</b>            Tianye Ma, University of Delaware            Yidan Hu, Rochester Institute of Technology            Aishah Aseeri, King Abdulaziz University            Mark Nejad, University of Delaware            Rui Zhang, University of Delaware         </p> <p> <b>Integration of Formal Specification and Traffic Simulation for Scenario-Based Validation</b>            Quentin Goss, Embry-Riddle Aeronautical University            Mustafa Ilhan Akbas, Embry-Riddle Aeronautical University         </p>
<p><b>11:30 – 13:30</b></p>	<p><b>Lunch and Break</b></p>
<p><b>13:30 – 16:00</b></p>	<p> <b>Tutorial: Autoware – ROS-based OSS for Autonomous Driving</b>  <b>Speaker:</b> Alexander Carballo, Tier IV         </p> <hr/> <p><b>Autonomous vehicles exhibition</b></p>
<p><b>16:00 – 16:15</b></p>	<p>Conference Closing: Farewell from the General Chair</p>