

ITSC 2020 Workshop : Testing and Evaluating Connected and Automated Vehicles Using Emerging Simulation Tools and Technologies

Sep. 20, 2020, Sunday, 6-10 pm Greece Time / 11-3 pm Eastern Time / 8-12 noon Pacific Time / 11-3 am China Time
 Zoom Live Session / RSVP: <https://bit.ly/3iz382U>

Topics: Unity/LGSVL, Unreal/CARLA, SUMO, VISSIM, AIMSUN, human-in-the-loop, hardware-in-the-loop, and more!



Dr. Joshua A. Auld
 Argonne National Lab, USA
 Topic: Modeling the Impacts of Future Mobility Technologies with POLARIS SMART Mobility Workflow



Mr. Dean D. Deter
 Oak Ridge National Lab, USA
 Topic: Connected and Automated Vehicles: Major Shifts in Vehicle R&D Methods



Dr. Shuo Feng
 University of Michigan, USA
 Topic: Autonomous Vehicles Safety Assessment Simulation (ASAS) Platform Based on SUMO and CARLA



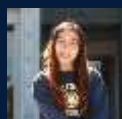
Mr. David Florence
 Texas A&M Transportation Institute, USA
 Topic: Traffic Optimization for Signalized Corridors (TOSCo) Development and Evaluation with VISSIM



Dr. Guodong Rong
 LG Silicon Valley Lab, USA
 Topic: LGSVL Simulator: A High Fidelity Simulator for Autonomous Driving



Dr. Seyhan Uçar
 Toyota Motor North America R&D - InfoTech Labs, USA
 Topic: Cooperative Anomalous Driving Behavior Detection and Management



Dr. Pin Wang
 University of California, Berkeley, USA
 Topic: Learning Adaptable Policy via Meta-Adversarial Inverse Reinforcement Learning for Decision-making Tasks



Dr. Hao Yang
 McMaster University, Canada
 Topic: Anomaly Behavior Management: Reducing the Impact of anomalous Drivers with Connected Vehicles



Mr. Mingyuan Yang
 University of California, Berkeley, USA
 Topic: Quantifying the Environmental Benefits of Capacity Enhancing Traffic Management using AIMSUN



Mr. Xuanpeng Zhao
 University of California, Riverside, USA
 Topic: Modeling and Evaluation of Autonomous Vehicles in Mixed Traffic using an Integrated SUMO-Unity Platform

Workshop Organizers



Dr. Ziran Wang
 Toyota Motor North America



Dr. Guodong Rong
 LG Silicon Valley Lab



Dr. Yiheng Feng
 Purdue University



Dr. Chris Schwartz
 University of Iowa



Dr. Jiaqi Ma
 UCLA



Dr. Guoyuan Wu
 UC Riverside



Dr. Hao Liu
 UC Berkeley

RSVP

