

Energy-Efficient Mobility Systems (EEMS)			
Tuesday, June 2		Wednesday, June 3	
8:00 AM	Continental Breakfast		
9:00 AM	EEMS922: Energy Efficient Mobility Systems Program Overview Alexis Zubrow, U.S. Department of Energy	9:00 AM	EEMS134: Development of Standardized Test Procedures for CV and AV Energy Consumption and Emissions Michael Duoba, Argonne National Laboratory
9:30 AM	EEMS145: BEAM CORE Core Tools Anna Spurlock, Lawrence Berkeley National Laboratory	9:30 AM	EEMS123: Freight in the Loop Kevin Stutenberg, Argonne National Laboratory
9:45 AM	EEMS092: Multiregion Stakeholder Driven BEAM CORE Application Anna Spurlock, Lawrence Berkeley National Laboratory	9:45 AM	EEMS041: AVATAR Dominik Karbowski, Argonne National Laboratory
10:15 AM	EEMS112: NREL Core Modeling & Decision Support Capabilities (RouteE, FASTSim, OpenPATH, T3CO) Jeff Gonder, National Laboratory of the Rockies	10:15 AM	EEMS120: A Cooperative Driving Automation (CDA) Framework for Communications Adian Cook & Priyah Misra, Oak Ridge National Laboratory/Argonne National Laboratory
10:45 AM	EEMS099: MEP Core Tools Venu Garikapati, National Laboratory of the Rockies	10:45 AM	EEMS119: Improved Mobility and Energy Savings Through Optimization of Cooperative Driving Automation (CDA) Application for Signal Controls for Arterial Mixed Traffic Scenarios Xiao Lu & Hao Liu, Lawrence Berkeley National Laboratory
11:15 AM	EEMS066: Livewire Data Platform-A Solution for Energy Efficient Mobility Systems (EEMS) Data Sharing Lauren Spath-Luhning, National Laboratory of the Rockies	11:15 AM	EEMS129: Using Artificial Intelligence to Predict Ridership and Optimize Shared Mobility Josh Rands, Terracity
11:30 AM	Lunch		
1:10 PM	EEMS132: POLARIS - Transportation Systems and Mobility Tools Core Maintenance Joshua Auld, Argonne National Laboratory	1:10 PM	EEMS135: Energy-Transit Nexus Tools for Bus Fleet Electrification (NEXTBUS) Jake Holden, National Laboratory of the Rockies
1:25 PM	EEMS122: Pathways to Affordable, Convenient, Efficient Regional Mobility Joshua Auld, Argonne National Laboratory	1:25 PM	EEMS101: Core Tools: Real-Sim Max Chen, Oak Ridge National laboratory
1:55 PM	EEMS128: National Impacts of Community-Level Strategies to Improve Convenience of Mobility Chris Hoehne, National Laboratory of the Rockies	1:40 PM	EEMS114: Real Twin Ross Wang, Oak Ridge National Laboratory
2:25 PM	EEMS133: ITES4: Integrated Transportation and Energy cross-Sectoral System of Systems at Scale Joshua Auld, Argonne National Laboratory	2:10 PM	EEMS124: Deployment of Real-Sim/Real-Twin Scenario Library Generation and Benchmark of Energy Centric CAV Controls Max Chen, Oak Ridge National laboratory
2:55 PM	EEMS160: Multi-modal Port Energy Strategy Including Resource Assessments for Transportation Sectors: Vehicle Modules Shannon Idso & Emily Newes, Pacific Northwest National Laboratory; National Laboratory of the Rockies	2:40 PM	EEMS125: Energy Metrics in Traffic Signal Performance Measures Joseph Fish, National Laboratory of the Rockies
3:30 PM	Break		
3:45 PM	EEMS013: ANL Core Modeling A3 - AMBER, Autonomie, Aeronomie Phil Sharer, Argonne National Laboratory	3:45 PM	EEMS146: Distributed Artificial-intelligence (AI)-based Signal Control (DASiC) Ross Wang, Oak Ridge National Laboratory
4:15 PM	EEMS144: RoadRunner Core Tools Dominik Karbowski, Argonne National Laboratory	4:15 PM	EEMS115: Developing a Multiscale Simulation Framework to Evaluate Autonomous Vehicle On-Board Compute Energy-Efficiency, Performance, and Reliability Ben Feinberg, Sandia National Laboratories
4:45 PM	EEMS094: ENACTED Dominik Karbowski, Argonne National Laboratory	4:45 PM	EEMS143: Energy Efficient Sensing and Computing for AVs Robert Patton, Oak Ridge National Laboratory