

Envisioning Tomorrow's Sustainable Mobility Systems Workshop

May 10-11, 2023

DAY 1 | WEDNESDAY, MAY 10

8:30 a.m.	Introduction and housekeeping (NREL Research Support Facility, Beaver Creek rm. 320)
8:40 a.m.	Welcome – NREL
8:45 a.m.	Keynote – DOE Speaker: Jacob Ward, U.S. Department of Energy
9:00 a.m.	Plenary – NREL sets the stage for upcoming breakouts
10:00 a.m.	Break and transition to breakout rooms
10:15 a.m.	Breakout sessions (Beaver Creek rm. 320, Gunnison rm. 326, Huerfano rm. 324) Topic 1: Emerging trends in freight, such as multimodal transfers and urban and rural delivery Topic 2: (A) Complex travel behaviors, including the impacts of the COVID-19 pandemic on telework, mode shift, micromobility, and long-distance travel, as well as the interconnection between travel, employment/jobs, and housing (emerging modes focus) Topic 3: (A) Strengthening connections between research and deployment
11:45 a.m.	Transition back to Beaver Creek rm. 320
11:50 a.m.	Lunch and breakout discussion – report out to main room
1:00 p.m.	Break
1:30 p.m.	Plenary – NREL sets the stage for upcoming breakouts
2:15 p.m.	Transition to breakout rooms
2:25 p.m.	Breakout sessions (Beaver Creek rm. 320, Gunnison rm. 326, Huerfano rm. 324) Topic 1: Evolving ground mobility landscapes at airports, including automation and electrification technologies, such as in ride-hail and rental car fleets Topic 2: (A) Novel transit solutions to better benefit underserved communities and increase mobility resilience (automation focus) Topic 3: (B) Strengthening connections between research and deployment
3:55 p.m.	Break and transition back to Beaver Creek rm. 320
4:05 p.m.	Breakout discussion – report out to main room
4:30 p.m.	Closing and announcements
4:40 p.m.	Close
5:30 p.m.	Reception at LUCI Mobility 4941 Allison St., Arvada, CO 80002

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DAY 2 | THURSDAY, MAY 11

9:00 a.m. **Announcements (Beaver Creek rm. 320)**

9:15 a.m. **Plenary – NREL sets the stage for upcoming breakouts**

10:00 a.m. **Break and transition to breakout sessions**

Breakout sessions (Beaver Creek rm. 320, Gunnison rm. 326, Cache La Poudre rm. 405)

10:15 a.m.

Topic 1: (B) Novel transit solutions to better benefit underserved communities and increase mobility resilience (on-demand transit focus)

Topic 2: Cutting-edge operations concepts related to intelligent infrastructure, cooperative driving, signal control, and curbside management

Topic 3: (B) Complex travel behaviors, including the impacts of the COVID-19 pandemic on telework, mode shift, micro mobility, and long-distance travel, as well as the interconnection between travel, employment/jobs, and housing (pandemic impacts focus)

11:45 a.m. **Transition back to Beaver Creek rm. 320**

11:50 a.m. **Breakout discussion – report out to main room**

12:20 p.m. **Closing and next steps**

12:45 p.m. **Optional lunch (not sponsored)**

1:45 p.m.–2:45 p.m. **Tour of NREL's Energy Systems Integration Facility**

3:15 p.m.–4:15 p.m. **Tour of NREL's Integrated Biorefinery Research Facility & Thermal Test Facility**

