



Mobility On Demand and As A Service Committee (MoDaaS)

The MoDaaS committee sponsored two sessions at the International Conference on Transportation & Development (ICTD 2025).

1. Mobility Solutions in Diverse Community Contexts: Suburban and Rural Perspectives

Tuesday, June 10th, 1:30 PM

Moderated by Stanley Young (National Renewable Energy Laboratory - NREL), this session delved into mobility solutions tailored for suburban and rural communities, with topics ranging from on-demand transit innovations to the expansion of transit-oriented developments.

Presentations Included:

Insights into On-Demand Transit: A Case Study of Houston METRO's curb2curb Transit Services: Michael Andrade, Houston METRO

Investigation of Emerging Mobility Preferences and Attitudes in a Suburban Context: Miguel Rodriguez Ocana, Arizona State University

How Emerging Technologies Are Shaping the Future of Rural Mobility: Joshua Sperling, National Renewable Energy Laboratory

Expanding the Boundaries of Transit-Oriented Development with New Mobility Hubs: Javier Pena-Bastidas, The University of Alabama

2. Emerging On-Demand Transit (ODT) Strategies and Technologies

Wednesday, June 11th, 8:30 AM

Moderated by Javier Pena-Bastidas (The University of Alabama), this session explored the forefront of on-demand transit, from electrification strategies to adaptive optimization techniques.

Presentations Included:

The ABCs of ODT (On-Demand Transit): Alejandro Henao, National Renewable Energy Laboratory

Where are all the Electric Vans? Electrification Considerations for On-Demand Transit: Alejandro Henao, National Renewable Energy Laboratory

Demand Responsive Transport and Transit Synchronization using Adaptive Large Neighborhood Search: Samra Sarwar, University of Deusto

Both sessions and the poster engagement drew excellent participation, fostering interesting discussions among experienced faculty, industry leaders, and emerging professionals.

The MoDaaS committee will continue engaging with presenters to share insights with members who couldn't attend in person.



Figure 1: Attendees during the June 10th presentation

Javier Pena-Bastidas

More Information:

Full-length conference proceedings of 6 selected papers from ICTD 2025 and evaluated by the MoDaaS committee are available online at <https://doi.org/10.1061/9780784486191> (p. 698-775).