



# TRANSPORTATION CONFERENCES 2024



June 15-18, 2024

Atlanta, GA | Hilton Atlanta

In partnership with 

International Conference on  
Transportation and Development



19th International Conference on Automated  
People Movers and Automated Transit  
Systems





# INTERNATIONAL CONFERENCE ON TRANSPORTATION & DEVELOPMENT



*In Partnership with Georgia Department of Transportation*

## Program Overview

- 3 Super-Plenary Sessions (including State DOT CEOs session)
- 1 Plenary Session
- 42 Breakout Sessions (including GDOT sessions)
- 1 Awards Luncheon
- 1 Welcome Reception
- 1 Younger Member Social
- 1 Poster Reception
- 2 Preconference Workshops
- 6 Technical Tours
- Concurrent Younger Member Programming
- Exhibit Hall with Networking Functions

Note: Conference attendees will also have access to sessions at the co-located ASCE International Conference on Automated People Movers and Automated Transit Systems (APM-ATS).

More at [www.apmconference.org](http://www.apmconference.org)

## Preconference Workshops

1. AI and Emerging Technologies for Integrated Transportation Cybersecurity
2. Government Relations and Public Relations University

## Technical Tours

1. GDOT Traffic Management Center and Highway Emergency Response Operators (TMC/HEROs) Tour
2. Atlanta International Airport (ATL) - Behind the Scenes
3. MARTA Control Center - Behind the Scenes
4. Atlanta Beltline Tour
5. Curiosity Labs Tour
6. Delta Technical Operations Tour

# #ICTD24



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INTERNATIONAL CONFERENCE

ON TRANSPORTATION & DEVELOPMENT



In Partnership with Georgia Department of Transportation

TIME	SATURDAY, JUNE 15
03:00 PM - 06:00 PM	Workshops
06:00 PM - 07:30 PM	Younger Member Social

TIME	SUNDAY, JUNE 16					
TRACK >	ICTD A	ICTD B	ICTD C	ICTD D	ICTD E	ICTD F
07:30 AM - 08:30 AM	Light Continental Breakfast					
08:30 AM - 10:00 AM	Opening Super-Plenary					
10:00 AM - 10:30 AM	Networking/Coffee Break					
10:30 AM - 11:45 AM	ICTD Plenary					
11:45 AM - 01:15 PM	Lunch Buffet					
01:15 PM - 02:30 PM	A1	B1	C1	D1	E1	F1
02:30 PM - 03:00 PM	Networking/Coffee Break					
03:00 PM - 04:15 PM	A2	B2	C2	D2	E2	F2
05:00 PM - 07:00 PM	Welcome Reception					

TIME	MONDAY, JUNE 17					
TRACK >	ICTD A	ICTD B	ICTD C	ICTD D	ICTD E	ICTD F
07:30 AM - 08:30 AM	Light Continental Breakfast					
08:30 AM - 09:45 AM	State DOT CEOs Super-Plenary					
09:45 AM - 10:15 AM	Networking/Coffee Break					
10:15 AM - 11:30 AM	A3	B3	C3	D3	E3	F3
11:45 AM - 01:15 PM	Awards Luncheon (Seated)					
01:30 PM - 02:45 PM	A4	B4	C4	D4	E4	F4
02:45 PM - 03:15 PM	Networking/Coffee Break					
03:15 PM - 04:30 PM	A5	B5	C5	D5	E5	F5
04:30 PM - 06:00 PM	Poster Reception					

TIME	TUESDAY, JUNE 18					
TRACK >	ICTD A	ICTD B	ICTD C	ICTD D	ICTD E	ICTD F
07:30 AM - 08:30 AM	Light Continental Breakfast					
08:30 AM - 09:45 AM	A6	B6	C6	D6	E6	F6
10:00 AM - 11:15 AM	A7	B7	C7	D7	E7	F7
11:30 AM - 12:15 PM	Closing Plenary					
01:00 PM - 05:00 PM	Technical Tours					

Concurrent Sessions: Sunday, June 16, 1:15 to 2:30 PM		Organized by
A1	Promoting Vehicle Automation Fueled by Equitable Financing and Technology Innovations	CAV Impacts Committee
B1	Delivering Projects for Improved Mobility: Georgia DOT I	Georgia DOT
C1	Aviation Future: Risks, Resilience, Safety, and Readiness	Aviation Planning & Operations Committee
D1	Where Do I Start? Cybersecurity Assessments and Beyond	Public Transport Committee
E1	Electrifying the Transportation Grid: Challenges and Opportunities	Sustainable Transportation Committee
F1	Ethics and Equity in Transportation	Planning & Development Council
Concurrent Sessions: Sunday, June 16, 3:00 to 4:15 PM		Organized by
A2	Safety of Bicyclists and Pedestrians	Transportation Safety Committee
B2	Strategies and Analysis of Shared Mobility Systems	MODaaS Committee
C2	UAS Applications in Transportation Infrastructure Systems I	Uncrewed Aerial Systems Committee
D2	Route Reliability: Navigating Accessibility & Travel Impact	Street & Highway Operations Committee
E2	Advancements in Artificial Intelligence Transforming Infrastructure Systems	Infrastructure Systems Committee
F2	Promoting Active Transportation with Planning and Design	Active Transportation Committee
Concurrent Sessions: Monday, June 17, 10:15 to 11:30 AM		Organized by
A3	Harmonizing Community-Friendly CAV-Enabled Traffic Systems	CAV Impacts Committee
B3	Data-Driven Innovations for Urban Mobility and Traffic Spatial Planning	Data Sensing & Analytics Committee
C3	Aviation Infrastructure: Innovative Designs and Assessments	Aviation Planning & Operations Committee
D3	Transitioning to a Clean Energy Environment for Public Transportation Fleets	Public Transport Committee
E3	Detangling Behavioral Intricacies in Sustainable Transportation Decisionmaking	Sustainable Transportation Committee
F3	Assisted Human Drivers and Robot Drivers Working Together to Make our Roads Safer	Transportation Safety Committee
Concurrent Sessions: Monday, June 17, 1:30 to 2:45 PM		Organized by
A4	Proactive Safety	Transportation Safety Committee
B4	Transportation & Public Health	Planning & Development Council
C4	UAS Applications in Transportation Infrastructure Systems II	Uncrewed Aerial Systems Committee
D4	Pioneering Future Roads with Emerging Technologies	Street & Highway Operations Committee
E4	Planning for Hydrogen Fueling Infrastructure	Infrastructure Systems Committee
F4	Technology and Data-Driven Methods Toward Improving Safety and Mobility in Active Transportation	Active Transportation Committee
Concurrent Sessions: Monday, June 17, 3:15 to 4:30 PM		Organized by
A5	Delivering Projects for Improved Mobility: Georgia DOT II	Georgia DOT
B5	Revolutionizing CAV Mobility: Advancements and Challenges in AI-Powered Transportation Systems	AI in Transportation Committee
C5	Challenges and Opportunities in Freight and Logistics - Perspective from Practice	Freight & Logistics Committee
D5	Litigation Risk & Reality in Transportation Construction	Highway Construction Committee
E5	Sustainable Railway Track Infrastructure and Maintenance	Rail Transport Committee
F5	Exploring Environmental Impact, Sustainability, and Technological Advances in Infrastructure Systems	Infrastructure Systems Committee
Concurrent Sessions: Tuesday, June 18, 8:30 to 9:45 AM		Organized by
A6	Construction Materials Digitization in the United States and the Future of the Connected Jobsite	Infrastructure Systems Committee
B6	Frontiers of AI in Transportation: Empowering Safety Through Vision, Language, and Causation Comprehension	AI in Transportation Committee
C6	Data-driven Freight and Supply Chain analysis	Freight & Logistics Committee
D6	Pavement Sustainability	Highway Pavements Committee
E6	Infrastructure Project Cost Estimation	Economics & Finance Committee
F6	The Challenge of Workforce Development	Planning & Development Council
Concurrent Sessions: Tuesday, June 18, 10:00 to 11:15 AM		Organized by
A7	Advancing CAV Deployment Resilience Through Virtual Twin Establishment	CAV Impacts Committee
B7	Emerging Sensor Innovations for Safeguarding Transportation Infrastructure	Data Sensing & Analytics Committee
C7	Economics and Financing Electric Vehicles, Communities and Regional Development	Economics & Finance Committee
D7	Delivering Projects for Improved Mobility: Georgia DOT III	Georgia DOT
E7	Railway Applications of Automation and AI	Rail Transport Committee
F7	Pavement Infrastructure and Climate Change	Highway Pavement Committee