TRANSPORTATION CONFERENCES 2024

June 15-18, 2024
Atlanta, GA | Hilton Atlanta

In partnership with GDOT

International Conference on Transportation and Development

19th International Conference on Automated People Movers and Automated Transit Systems
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 and 4 poster sessions
- 2 Preconference Workshops
- 6 Technical Tours
- Concurrent Younger Member Programming
- Exhibit Hall with Networking Functions

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

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
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<tr>
<th>TIME</th>
<th>SATURDAY, JUNE 15</th>
<th>Track A</th>
<th>Track B</th>
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**Concurrent Sessions: Sunday, June 16, 1:15 to 2:30 PM**
- A1 Promoting Vehicle Automation Fueled by Equitable Financing and Technology Innovations
- B1 GDOT’s Innovative Program Delivery
- C1 Aviation Future: Risks, Resilience, Safety, and Readiness
- D1 Where Do I Start? Cybersecurity Assessments and Beyond
- E1 Electrifying the Transportation Grid: Challenges and Opportunities
- F1 Ethics and Equity in Transportation

**Organized by**
- CAV Impacts Committee
- Georgia DOT
- Aviation Planning & Operations Committee
- Public Transport Committee
- Sustainable Transportation Committee
- Planning & Development Council

**Concurrent Sessions: Monday, June 17, 3:15 to 4:30 PM**
- A5 Innovative Methods of Program Delivery and Workforce Development At GDOT
- B5 Revolutionizing CAV Mobility: Advancements and Challenges in AI-Powered Transportation Systems
- C5 Challenges and Opportunities in Freight and Logistics - Perspective from Practice
- D5 Litigation Risk & Reality in Transportation Construction
- E5 Sustainable Railway Track Infrastructure and Maintenance
- F5 Exploring Environmental Impact, Sustainability, and Technological Advances in Infrastructure Systems

**Organized by**
- Georgia DOT
- AI in Transportation Committee
- Freight & Logistics Committee
- Highway Construction Committee
- Rail Transport Committee
- Infrastructure Systems Committee

**Concurrent Sessions: Tuesday, June 18, 8:30 to 9:45 AM**
- A6 Construction Materials Materialization in the United States and the Future of the Connected Job Site
- B6 Frontiers of AI in Transportation: Empowering Safety Through Vision, Language, and Causation Comprehension
- C6 Data-driven Freight and Supply Chain analysis
- D6 Pavement Sustainability
- E6 Infrastructure Project Cost Estimation
- F6 The Challenge of Workforce Development

**Organized by**
- Infrastructure Systems Committee
- AI in Transportation Committee
- Freight & Logistics Committee
- Highway Pavement Committee
- Economics & Finance Committee
- Planning & Development Council

**Concurrent Sessions: Tuesday, June 18, 10:00 to 11:15 AM**
- A7 Advancing CAV Deployment Resilience Through Virtual Twin Establishment
- B7 Emerging Sensor Innovations for Safeguarding Transportation Infrastructure
- C7 Economics and Financing Electric Vehicles, Communities and Regional Development
- D7 Updates from the GDOT’s Traffic Operation Office
- E7 Railway Applications of Automation and AI
- F7 Pavement Infrastructure and Climate Change

**Organized by**
- CAV Impacts Committee
- Data Sensing & Analytics Committee
- Georgia DOT
- Rail Transport Committee
- Highway Pavement Committee