



# INTERNATIONAL CONFERENCE ON TRANSPORTATION & DEVELOPMENT

Austin, Texas | June 14–17, 2023

In Partnership with the Texas Department of Transportation

Preliminary Program

*Subject to change*

# Wednesday, June 14, 2023

<b>8:00 AM - 5:00 PM</b>	<b>WORKSHOP:</b> <a href="#">Airport Pavement Design and Evaluation Workshop - Introduction to FAARFIELD2.0 and ICAO's ACR-PCR System</a>
	<b>WORKSHOP:</b> <a href="#">Young Faculty &amp; Practitioner Workshop</a>
<b>1:00 PM - 3:00 PM</b>	<b>WORKSHOP:</b> <a href="#">Simplified Highway Capacity Manual Procedures for Use in Planning, Preliminary Engineering, Design and Operations for Urban Streets and Signalized Intersections</a>
<b>1:00 PM - 5:00 PM</b>	<b>T&amp;DI Technical Committee Meetings - All are welcome to attend!</b>
	<b>WORKSHOP:</b> <a href="#">Financial Assessments of Transport Infrastructure Projects and Product Delivery</a>
	<b>TOUR:</b> <a href="#">Austin-Bergstrom International Airport: Directing the Flow</a>
	<b>TOUR:</b> <a href="#">Austin-Bergstrom International Airport: Paving the Way</a>
	<b>TOUR:</b> <a href="#">Combined Transportation Emergency and Communications Center (CTECC)</a>
	<b>TOUR:</b> <a href="#">Circuit of the Americas F-1 Racetrack</a>
	<b>TOUR:</b> <a href="#">TxDOT - Materials and Tests Division - Materials Laboratory</a>
<b>1:30 PM - 4:30 PM</b>	<b>TOUR:</b> <a href="#">Capital Metro North Operations Center and the METRORail Mechanics Shop</a>
<b>5:00 PM - 9:00 PM</b>	<b>TOUR:</b> <a href="#">Austin Boardwalk &amp; Lone Star River Boat Tour &amp; Mexican Freetail Bat Flight</a>

# Thursday, June 15, 2023

7:30 AM - 8:30AM	CONTINENTAL BREAKFAST IN THE EXHIBIT HALL							
8:30 AM - 10:00 AM	OPENING SUPER PLENARY							
10:00 AM - 10:30 AM	NETWORKING BREAK IN THE EXHIBIT HALL							
10:30 AM - 12:00 PM	PAVEMENTS OPENING PLENARY - Carl Monismith Lectures							
	TRACK A Autonomous Vehicles, Artificial Intelligence - Internet of Things	TRACK B Infrastructure Systems: Management, Sustainability, & Financing	TRACK C People Mobility & Infrastructure	TRACK D Multimodal Passenger & Goods Movement	TRACK E Safety & Workforce Development	TRACK F Uncrewed Aerial Systems	TRACK G Transportation Planning	
	A1 CAV Data-Empowered Traffic System Operation Innovations	B1 Infrastructure Systems in the Context of Electric Vehicle Technology	C1 Transit Challenges and Issues Related to Rapidly Growing Metropolitan Areas	D1 Planning and Evaluating Community Impacts of New Freight Paradigms	E1 TxDOT	F1 UAS in Transportation Infrastructure Systems - Part 1	G1 Pedestrian and Bicycle Facility Operation and Safety	
12:00 PM - 1:00 PM 1:00 PM - 2:30 PM	LUNCH IN THE EXHIBIT HALL							
2:30 PM - 3:00 PM	<p style="text-align: center;"><b>STATE DOT SUPER PLENARY</b></p> <p style="text-align: center;"> <b>Marc Williams</b>, Executive Director, Texas Department of Transportation (TxDOT)  <b>Carlos Braceras, P.E.</b> – Executive Director, Utah Department of Transportation  <b>Diane Gutierrez-Scaccetti</b>, Commissioner New Jersey Department of Transportation (NJDOT)  <b>Roger Millar, PE, FASCE, FAICP</b> – Secretary of Transportation, Washington State Department of Transportation (WSDOT)  <b>Lorie Tudor</b>, Secretary Arkansas Department of Transportation (ARDOT)  <b>Eileen Velez-Vega</b>, Secretary of the Department of Transportation and Public Works         </p>							
4:30 PM - 6:00 PM	NETWORKING BREAK IN THE EXHIBIT HALL							
	A2 Advances in Machine Learning Methods for Transportation Innovation	B2 Financing Innovations and Considerations in the Traditional and Emerging Transportation Environments	C2 Advancing Railway Infrastructure Inspection with Technology	D2 Advancements in Mobility on Demand and as a Service (MODaaS)	E2 Factors Influencing Safety and Traffic Control Strategies and Features to Improve Safety and Operation in Highway Work Zones	F2 UAS in Transportation Infrastructure Systems - Part 2	G2 Advancing Transportation for All: Integrating Equity & Accessibility	
4:30 PM - 6:00 PM	WELCOME RECEPTION In Honor of Zhanmin Zhang & TECHNICAL COMMITTEE EXPO							

# Friday, June 16, 2023

7:30 AM - 8:30AM	<b>CONTINENTAL BREAKFAST IN THE EXHIBIT HALL</b>									
8:30 AM - 10:00 AM	<b>ICTD OPENING PLENARY - <i>The Transportation-Energy Nexus: The March Toward Sustainable and Resilient Systems</i></b>									
	Moderator		Chandra R. Bhat, PhD, PE – Professor, University of Texas at Austin John Barton, SVP, P.E., M.ASCE – Professional Services Chairman, HNTB Corporation Chris T. Hendrickson, PhD – Professor, Carnegie Mellon University Veronica Vanterpool, Deputy Administrator, Federal Transit Administration, U.S. Department							
10:00 AM - 10:30 AM	<b>NETWORKING BREAK IN THE EXHIBIT HALL</b>									
		TRACK A Autonomous Vehicles, Artificial Intelligence - Internet of Things		TRACK B Infrastructure Systems: Management, Sustainability, & Financing		TRACK C People Mobility & Infrastructure		TRACK D Multimodal Passenger & Goods Movement		TRACK E Safety & Workforce Development
	A3	CAV-enabled Control Optimization through Simulation Infrastructure Integration	B3	The Benefits of BIM in Highway Infrastructure Design & Construction	C3	Transit Oriented Developments and Other Approaches to Deploy Transit Services	D3	Concepts for the Planning, Analysis and Design of Traffic Control Elements and Systems	E3	Workforce Development during Changing Times
12:00 PM -1:15 PM	<b>T&amp;DI AWARDS LUNCHEON</b>									
1:30 PM - 3:00 PM	A4	AI-empowered Sensing and Visualization in Transportation	B4	Cost Engineering and Pricing	C4	Technology to Improve Highway-Rail Grade Crossing Safety	D4	New Technology in Freight Deliveries	E4	Identifying High Hazard Conditions and Measures to Improve Roadway Safety
3:00 PM - 3:30 PM	<b>NETWORKING COFFEE BREAK IN THE EXHIBIT HALL</b>									
3:30 PM - 5:00 PM	A5	Intelligent Infrastructure Management	B5	Path to Transportation Decarbonization: Targets and Metrics	C5	Deploying Automated Mobility	D5	Mega and Transformative Aviation Programs and Projects	E5	TxDOT
5:00 PM - 6:00 PM	<b>POSTER SESSION</b>									

# Saturday, June 17, 2023

7:00 AM - 8:00AM									CONTINENTAL BREAKFAST								
TRACK A Autonomous Vehicles, Artificial Intelligence - Internet of Things			TRACK B Infrastructure Systems: Management, Sustainability, & Financing			TRACK C People Mobility & Infrastructure			TRACK D Multimodal Passenger & Goods Movement			TRACK E Safety & Workforce Development					
8:00 AM - 9:30 AM			A6	Bike/Ped: Elements of Pedestrian and Bicycle Facility Planning and Design		B6	Infrastructure Systems: Data, Performance and Decision-Support Tools		C6	Current and Future Prospects of Automated Transit Systems		D6	Future of Aviation Landscape		E6	TxDOT	
9:30 AM - 9:45 AM									BREAK								
9:45 AM - 11:15 AM			A7	Sensors and Data in Transportation Applications		B7	Innovative Technologies for Greener Transportation		C7	Automated People Mover (APM) Industry Update		D7	Characteristics and Design of Traffic Control Devices and Strategies		E7	Employee Learning, Development and Safety	
11:30 AM - 12:15 AM			CLOSING PLENARY Moderator: Marsha Anderson-Bomar														
2:00 PM - 4:00 PM			Post Conference Sessions									<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>ASCE Government Relations &amp; Public Relations University</p> </div> <div style="width: 30%;"> <p>Future of the Highway Capacity Manual Focus Group Discussion</p> </div> <div style="width: 30%;"> <p>Digital Twin Modeling of Horizontal Infrastructure</p> </div> </div>					