



# INTERNATIONAL AIRFIELD & HIGHWAY PAVEMENTS CONFERENCE

Austin, TX | June 14–17, 2023

In Partnership with the Texas Department of Transportation

**Preliminary Program**

*Subject to change*

## Wednesday, June 14, 2023

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

# 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 Lecture - Imad Al Qadi											
12:00 PM -1:00 PM	LUNCH IN THE EXHIBIT HALL											
1:00 PM - 2:30 PM	STATE DOT SUPER PLENARY Marc Williams, Executive Director, Texas Department of Transportation (TxDOT) Carlos Braceras, P.E. – Executive Director, Utah Department of Transportation Diane Gutierrez-Scaccetti, Commissioner New Jersey Department of Transportation (NJDOT) Roger Millar, PE, FASCE, FAICP – Secretary, Washington State Department of Transportatin (WSDOT) Lorie Tudor, Secretary Arkansas Department of Transportation (ARDOT) Eileen Velez-Vega, Secretary of the Department of Transportation and Public Works											
2:30 PM - 3:00 PM	NETWORKING BREAK IN THE EXHIBIT HALL											
3:00 PM - 4:30 PM		TRACK H			TRACK I			TRACK J			TRACK K	
	H1	Accelerated Pavement Testing		I1	AIRFIELDS Innovative Sustainable Methods, Materials, Recycling and Rehabilitation		J1	Construction and Field Testing		K1	TXDOT	
4:30 PM - 6:00 PM		WELCOME RECEPTION & TECHNICAL COMMITTEE EXPO										

**Friday, June 16, 2023**

7:30 AM - 8:30AM	CONTINENTAL BREAKFAST IN THE EXHIBIT HALL							
8:30 AM - 10:00 AM	ICTD OPENING PLENARY - Decarbonizing Transportation: Toward an Energy-efficient Transformation							
		TRACK H		TRACK I		TRACK J		TRACK K
	H2	TXDOT	I2	AIRFIELDS Project Case Studies - 1	J2	Asphalt Mix Design Considerations	K2	Sustainable Concrete Construction Alternatives
10:00 AM - 10:30 AM	NETWORKING BREAK IN THE EXHIBIT HALL							
10:30 - 12:00 PM		TRACK H		TRACK I		TRACK J		TRACK K
	H3	Mechanistic Design for PCC and AC	I3	AIRFIELDS Accelerated Pavement Testing & Instrumentation	J3	Pavement Geotechnics	K3	Asphalt Recycling and Reclamation
	12:00 PM -1:15 PM							
T&DI AWARDS LUNCHEON								
1:30 PM - 3:00 PM		TRACK H		TRACK I		TRACK J		TRACK K
	H4	Unbound Materials and Layer Characterization	I4	AIRFIELDS Data Collection, Organization & Machine Learning Applications	J4	Concrete Materials and Pavements	K4	Sustainable Asphalt Pavement
	3:00 PM - 3:30 PM							
NETWORKING COFFEE BREAK IN THE EXHIBIT HALL								
3:30 PM - 5:00 PM		TRACK H		TRACK I		TRACK J		TRACK K
	H5	Pavement Condition Assessment and Evaluation	I5	AIRFIELDS Materials, Modeling, and Design	J5	Performance of Engineered Asphalt Binders	K5	Carbon Reduction with Portland Cement Concrete
	5:00 PM - 6:00 PM							
POSTER SESSION								

# Saturday, June 17, 2023

<b>7:00 AM - 8:00AM</b>	<b>CONTINENTAL BREAKFAST</b>							
<b>8:00 AM - 9:30 AM</b>		<b>TRACK H</b>		<b>TRACK I</b>		<b>TRACK J</b>		<b>TRACK K</b>
	H6	Case Studies on Concrete and Asphalt Pavements	I6	AIRFIELDS Evaluation and Use of UAV for Inspections	J6	Performance of Engineered Asphalt Mortars and Mixes	K6	Pavement Economics and Environmental Impact
<b>9:30 AM - 9:45 AM</b>	<b>BREAK</b>							
<b>9:45 AM - 11:15 AM</b>		<b>TRACK H</b>		<b>TRACK I</b>		<b>TRACK J</b>		<b>TRACK K</b>
	H7	Preservation and Rehabilitation of AC and PCC Pavements	I7	AIRFIELDS Project Case Studies - 2	J7	TXDOT	K7	Machine Learning & AI Applications in Pavements
<b>11:30 AM - 12:15 AM</b>	<b>CLOSING PLENARY</b> Marsha Anderson-Bomar							
<b>2:00 PM - 4:00 PM</b>	<b>Post Conference Sessions</b>							
	ASCE Government Relations & Public Relations University		Future of the Highway Capacity Manual Focus Group Discussion		Digital Twin Modeling of Horizontal Infrastructure			