2022 Texas A&M Transportation Technology Conference

Innovative Technologies to Move People and Goods

The Texas A&M Hotel and Conference Center
10:00 a.m. – 5:00 p.m.  Registration

Noon – 1:30 p.m.  Conference Opening Luncheon

Welcome
Gregory Winfree, Executive Director, Texas A&M Transportation Institute

Alliance Texas Mobility Innovation Zone: The Future of Urban Air and Automated Freight
A Conversation with Russell Laughlin, Executive Vice President, Hillwood Properties, and Ginger Goodin, Senior Research Engineer, Texas A&M Transportation Institute

1:30 – 1:45 p.m.  Break

1:45 – 3:00 p.m.  National, State and Local Perspectives on Innovative Transportation Technologies

Moderator: Katie Turnbull, Regents Fellow, Texas A&M Transportation Institute

Federal Highway Administration (FHWA) Innovative Technology Activities
Brian Cronin, Director, Office of Safety and Operations Research and Development, FHWA

Innovative Technology Research and Convening Activities at the Transportation Research Board (TRB)
Neil Pedersen, Executive Director, TRB

Innovative Transportation Technologies in Texas
Darran Anderson, Director of Strategy and Innovation, Texas Department of Transportation

Automated Shuttles in Arlington
Ann Foss, Principal Planner, Office of Strategic Initiatives, City of Arlington

3:00 – 3:30 p.m.  Break
3:30 – 5:00 p.m.  Innovative Technologies for Smart and Resilient Communities with Innovative Technologies

Moderator: Beverly Kuhn, Division Head, Texas A&M Transportation Institute

Traffic Optimization Signalized Corridors (TOSCo) Demonstration in Houston
Roy Goudy, Senior Principal Engineer, Nissan Group of the Americas

Automated Vehicles for All (AVA)
Reza Langari, Professor and J.R. Thompson Department Head Chair, Department of Engineering Technology and Industrial Distribution, Texas A&M University

Safety Asset Management
Stan Rendon, Vice President of Research and Development, 3M Transportation Safety Division

Enhancing Mobility with Automated Shuttles
Joe Moye, President and Chief Executive Officer, Beep

Innovative Technologies to Aid Disaster Mitigation and Response
David Coatney, Agency Director, Texas A&M Engineering Extension Service

5:00 – 6:00 p.m.  Reception

6:00 – 6:30 p.m.  Optional Walking Tour of the Texas A&M University Campus Around the Hotel

Dinner on Your Own
FRIDAY, SEPTEMBER 16

7:30 – 10:30 a.m.  Registration

8:00 – 9:00 a.m.  Continental Breakfast

9:00 – 10:15 a.m.  Being Smart with Big Data

Moderator: Shawn Turner, Senior Research Engineer, Texas A&M Transportation Institute

Data Innovations and Initiatives at the Texas Department of Transportation (TxDOT)
David Freidenfeld, Director Data Management and Traffic Analysis, TxDOT

Data Innovations and Initiatives at the Eastern Transportation Coalition
Stan Young, Advanced Transportation and Urban Scientist, National Renewable Energy Laboratory

Big Data for Goods Movement
Nicole Katsikides, Research Scientist, Texas A&M Transportation Institute

Big Data to Improve Safety in the Permian Basin
Michael Martin, Assistant Research Scientist, Texas A&M Transportation Institute

10:15 – 10:45 a.m.  Break
10:45 a.m. – Noon

**Smart Goods Movement**

**Moderator:** Allan Rutter, Division Head, Texas A&M Transportation Institute

**Automated Grocery Delivery in Houston**  
Mark Solano, City and Community Engagement Manager, Nuro

**Designing Autonomous, Same-Day, Last-Mile Delivery with Personal Delivery Devices (PDDs)**  
David Kassen, Vice President of Autonomous Delivery, FedEx Office

**Improving Safety and Efficiency with Autonomous Trucks**  
Emily Warren, Head of Public Policy, Embark Truck

**Transfer Hubs and Network Optimization for Automated Trucks**  
Mike Plasencia, Vice President of Transportation and Office of the CIO, Ryder Systems, Inc.

**There Is an App for That: Understanding and Sharing Truck Parking Information**  
Jolanda Prozzi, Division Head, Texas A&M Transportation Institute

Noon – 1:30 p.m.

**Closing Luncheon**

Bonnie J. Dunbar, NAE, Retired NASA Astronaut, John and Bea Slattery Chair, Texas A&M University, Department of Aerospace Engineering

*Introduction:*  
Dimitris Lagoudas, Senior Associate Vice Chancellor for Engineering Research, The Texas A&M University System; Deputy Director, Texas A&M Engineering Experiment Station
Thank you to our sponsors!

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