



INTERNATIONAL CONFERENCE ON TRANSPORTATION & DEVELOPMENT

Alexandria, Virginia | June 10–12, 2019

ASCE's Flagship Conference in Transportation & Development

2019

Concurrent Breakout Sessions
(Preliminary Draft – Contents May Change)

Track A CAV Impacts	Track B Challenges & Opportunities for Emerging Tech	Track C Transportation Safety	Track D Planning & Development	Track E Rail & Public Transit	Track F Infrastructure Systems	Track G Traffic Operations	Track H Aviation Planning & Operations
Monday, June 10 (1:30 to 3:00 PM) 2030: A Look at the Future of CAVs	Monday, June 10 (1:30 to 3:00 PM) Smart Cities - Insights from USDOT Smart City Challenge Finalists	Monday, June 10 (1:30 to 3:00 PM) Safety Effects of Roadway Elements & Traffic Control	Monday, June 10 (1:30 to 3:00 PM) Planning for Smart Cities - Public Sector's Perspective	Monday, June 10 (1:30 to 3:00 PM) 2030: A Look at the Future of Rail and Public Transit	Monday, June 10 (1:30 to 3:00 PM) Roundtable on Preparing for Smart Transportation	Monday, June 10 (1:30 to 3:00 PM) Infrastructure System Readiness for Automated Vehicle	Monday, June 10 (1:30 to 3:00 PM) Airside Planning for the Future of Aviation
Monday, June 10 (3:30 to 5:00 PM) New Energy and CAVs	Monday, June 10 (3:30 to 5:00 PM) Data Sensing & Analytics	Monday, June 10 (3:30 to 5:00 PM) Railroad Grade Crossing Safety	Monday, June 10 (3:30 to 5:00 PM) Smart Cities – Case Studies	Monday, June 10 (3:30 to 5:00 PM) New Energy for Rail & Public Transit	Monday, June 10 (3:30 to 5:00 PM) Asset Management in the Era of Smart Cities	Monday, June 10 (3:30 to 5:00 PM) Innovation in Signalized Intersection Control	Monday, June 10 (3:30 to 5:00 PM) Airport Landside Planning: Multimodal Connections
Tuesday, June 11 (1:30 to 3:00 PM) Sensors, Big Data & Analytics for CAVs	Tuesday, June 11 (1:30 to 3:00 PM) Mobility as a Service (Maas)	Tuesday, June 11 (1:30 to 3:00 PM) Crash Prediction and Assessment	Tuesday, June 11 (1:30 to 3:00 PM) Integrating MaaS into Smart Cities	Tuesday, June 11 (1:30 to 3:00 PM) Big Data and Analytics for Rail and Public Transit	Tuesday, June 11 (1:30 to 3:00 PM) Integration of Electric Power & EV Charging Infrastructure Systems	Tuesday, June 11 (1:30 to 3:00 PM) Urban Streetscapes for Smart Mobility and Sustainability	Tuesday, June 11 (1:30 to 3:00 PM) Planning Airport Terminals for the Future of Air Transport
Tuesday, June 11 (3:30 to 5:00 PM) Information & Communications Tech for CAVs	Tuesday, June 11 (3:30 to 5:00 PM) Electric Vehicles (EVs)	Tuesday, June 11 (3:30 to 5:00 PM) Big Data Collection & Analysis to Achieve Vision Zero	Tuesday, June 11 (3:30 to 5:00 PM) Can We Be Smart, Safe and Secure at the Same Time?	Tuesday, June 11 (3:30 to 5:00 PM) Advanced Communications for Rail & Public Transit	Tuesday, June 11 (3:30 to 5:00 PM) Operating Smart Freight in Smart Cities	Tuesday, June 11 (3:30 to 5:00 PM) Advanced Traffic Control Systems and Devices	Tuesday, June 11 (3:30 to 5:00 PM) Spaceports
Wednesday, June 12 (8:30 to 10:00 AM) Financial, Legal, & Policy Issues for CAVs	Wednesday, June 12 (8:30 to 10:00 AM) Artificial Intelligence (AI)	Wednesday, June 12 (8:30 to 10:00 AM) Financial, Institutional & Legal Issues for Transportation Safety	Wednesday, June 12 (8:30 to 10:00 AM) Leveraging Data to Make Us Smarter	Wednesday, June 12 (8:30 to 10:00 AM) Financial & Legal Issues for Rail & Public Transit	Wednesday, June 12 (8:30 to 10:00 AM) Urban Mobility & Sustainability: Experiences in the Developing World	Wednesday, June 12 (8:30 to 10:00 AM) Innovation in UAV Delivery	Wednesday, June 12 (8:30 to 10:00 AM) Unmanned Aerial Systems Operations In & Around Airports
Wednesday, June 12 (10:30 AM to 12:00 PM) DSRC vs. 5G: Pros and Cons for CAVs	Wednesday, June 12 (10:30 AM to 12:00 PM) Unmanned Aerial Systems (UAS)	Wednesday, June 12 (10:30 AM to 12:00 PM) Research on Crash Problem Identification & Prevention	Wednesday, June 12 (10:30 AM to 12:00 PM) Smart Ideas for Today and Tomorrow	Wednesday, June 12 (10:30 AM to 12:00 PM) Emerging CE Codes & Standards for Rail & Public Transit	Wednesday, June 12 (10:30 AM to 12:00 PM) Standardizing Installation Specs for EV Charging Stations	Wednesday, June 12 (10:30 AM to 12:00 PM) Toward Safe and Efficient Freight Operation	Wednesday, June 12 (10:30 AM to 12:00 PM) New Technology Impacts on Airport Planning & Operations