

Track A: CAV Impacts

Monday, June 10, 2019 (Room: TBA)



Track Chair: Zhanmin Zhang, University of Texas at Austin

1:30 to 3:00 PM

A Look at the Future of CAVs

Moderator: Paul Avery, AECOM

- **The Future of Transportation**, Mike Pina and Kenneth M. Leonard, *U.S. Department of Transportation*
- **CAVs on a Managed Lane**, Lev Pinelis, *Transurban*
- **Advancing the National Conversation on Highway Automation**, John Corbin, *FHWA*
- **VDOT's Perspectives on Connected Automation**, Cathy McGhee, *Virginia DOT*
- **Effects of Automated and Connected Vehicle Systems on Transportation Planning and Infrastructure**, Paul Avery and Krishna C. Patnam, *AECOM*

3:30 to 5:00 PM

New Energy and CAVs

Moderator: TBA

- **Hydrogen Fueling System Challenges and Opportunities for the Fully Automated Vehicles**, Seyedali Ghahari and Shabnam Ghotbi, *Purdue University*; Lateef Assi, *SCDOT*

Speaking Panel TBA

Track A: CAV Impacts

Tuesday, June 11, 2019 (Room: TBA)



Track Chair: Zhanmin Zhang, University of Texas at Austin

1:30 to 3:00 PM

Sensors, Big Data and Analytics for CAV's

Moderator: Chandra Bhat, University of Texas at Austin

- **Understanding the Network-Level Impacts of CAVs through Data Analysis and Visualization**, Natalia Ruiz-Juri, *University of Texas at Austin*
- **Extracting New Data Streams from Connected Vehicles**, Christian Claudel, *University of Texas at Austin*
- **Clustering based Online Coordinated In-Vehicle Routing for CAVs Built upon Understanding the Competition Potential among travelers on Network Route Resources**, Lili Du, *University of Florida*
- **Modeling Individuals' Willingness to Share Trips with Strangers in an Autonomous Vehicle Future**, Chandra Bhat, *University of Texas at Austin*
- **Mobility and Safety in an Era of Automation and Connectivity**, Srinivas Peeta, *Georgia Tech*

3:30 to 5:00 PM

Info & Communications Tech for CAV's

Moderator: Michael Brown SwRI

- **Digitizing Infrastructure for Sustainable Real-World Deployment of Automated Vehicles**, Joah Sapphire, *GDG*
- **Certification of CAV ICT Systems**, Jason Conley, *OMNIAIR Consortium*
- **Virtual Activity and Physical Activity Interactions in a CAV Landscape**, Chandra Bhat, *University of Texas at Austin*
- **Testing CAVs on Transurban's Express Lane Network**, Patrick Chuang, *Transurban*
- **Communications for Connected Transportation - Selecting the Right Wireless Technology and Frequency Spectrum**, Girija Subramaniam, *Forcing Function LLC*

Track A: CAV Impacts

Wednesday, June 12, 2019 (Room: TBA)

Track Chair: Zhanmin Zhang, University of Texas at Austin



9:15 to 10:45 AM

Financial, Legal, and Policy Issues for CAV's

Moderator: Matt Smith, Michael Baker

- **Presentation Title TBA**, Lindsay Miller, *Ice Miller Law Firm*
- **The Impacts of Automated Vehicles on Fuel Taxes**, Jeff Kupko, *Michael Baker*
- **Ownership Challenges of Multi-jurisdictional Technology Implementation Projects**, Megahn O'Callahagn, *City of Dublin, Ohio*
- **Show Me the Money! - The Latest Thinking in Revenue Sources and Value Capture for Transportation Assets**, Jesse Lund, *Deloitte*
- **Paving the Way for Autonomous Vehicles in a Multi-modal Transportation Environment: Impacts of Roadway Design and Policy on AV Adoption and Mode Choice**, Yuntao Guo, Irina Benedyk, Dustin Souders, and Samuel Labi, *Purdue University*; Srinivas Peeta, *Georgia Tech*

11:00 AM to 12:30 PM

DSRC vs. 5G: Pros and Cons for CAV's

Moderator: TBA

Speaking Panel TBA