Monday, June 10, 2019 (Room: TBA)

Track Chair: Bob Bryson, City of Milwaukee (Retd.)

1:30 to 3:00 PM

**Infrastructure System Readiness for Automated Vehicles**

**Moderator:** TBA

- Roadway Infrastructure System Readiness for Automated Vehicles: Insights from the 2018 National Dialogue, John Corbin, FHWA
- Integrating Automated Vehicles into the National Traffic Control System: Near Term and Long Term Policy Strategies, Harry Campbell, VDOT
- Automated Vehicles: National Traffic Control System Policies and Technologies, Adam Pike, Texas A&M Transportation Institute
- Industry Perspectives on Innovation in Traffic Control Devices for Automated Vehicles, Ken Smith, 3M

3:30 to 5:00 PM

**Innovation in Signalized Intersection Control**

**Moderator:** TBA

- GDOT Connected Vehicle Deployment – Plans & Progress, Alan Davis, Georgia DOT
- Exploring Safety Effects of Adaptive Signal Control Systems, Weimin Jin, Sakib M. Khan, and Mashrur Chowdhury, Clemson University
- Evaluation of the Adaptive Transit Signal Priority of the Vissim Ring Barrier Controller, Kianoush Kompany, RK&K; Montair Abbas, Virginia Polytechnic Institute and State University
- Developing a Cost-effective Functioning Tabletop Model for Traffic-Actuated Signalized Intersections, Aly Tawfik, Tranice Warner, and Enaas Hasan, California State University, Fresno; Ihab Elzaanoun, California DOT

Preliminary Program Draft – Subject to Change
Tuesday, June 11, 2019 (Room: TBA)

Track Chair: Bob Bryson, City of Milwaukee (Retd.)

1:30 to 3:00 PM

**Urban Streetscapes for Smart Mobility and Sustainability**

Moderator: TBA

- Evaluating the Pedestrian Hybrid Beacon’s Effectiveness at Midblock Pedestrian Crossings: A Case Study in New Jersey, Brendan Mulvihill, Mohammad Jalayer, Christopher Campbell, and Michael Mosley, Rowan University
- Modeling Impacts of Bicycle Sharing Systems in Different Urban Densities, Cameron Healy, Naval Undersea Warfare Center
- Design of Dual-mode Signal Progression along an Arterial with a Bus Exclusive Lane, Hyeonmi Kim, Yao Cheng, and Gang-Len Chang, University of Maryland, College Park
- Exploring Different Perception Levels of Sidewalks in the Context of Safe Routes to School, Seri Park, Nicholas Zoccoli, Tommy Luo, and Michael Crimmins, Villanova University

3:30 to 5:00 PM

**Advanced Traffic Control Systems and Devices**

Moderator: TBA

- Driver Understanding of Supplemental Yield Pavement Markings at Roundabouts, Beau Burdett, Madhav Chitturi, Andi Bill, David Noyce, University of Wisconsin; Ibrahim Alsghan, KFUPM
- An Economical Traffic Control Device for Originally Unsignalized Intersections with Autonomous Vehicles and Human-Driven Vehicles Mixed Traffic, Yu Song, Ge Shi, and David Noyce, University of Wisconsin
- Drivers’ Response to Variable Message Signs in Dynamic Lane Assignment Application Using Artificial Neural Networks and Other Traditional Techniques, Khaled Assi, Nedal Ratrout, KFUPM; Majed Al-Ghandour, NCDOT
- Impact of Major Road Traffic Volume on the Vehicle Density of Different Lanes of the Major Road in Proximity of a Driveway for Autonomous Vehicle vs. Conventional Vehicle Environments, Seyedeh Maryam Mousavi and Dominique Lord, Texas A&M University; Osama A. Osman, Virginia Tech Transportation Institute
Track G: Traffic Operations

Wednesday, June 12, 2019 (Room: TBA)

Track Chair: Bob Bryson, City of Milwaukee (Retd.)

9:15 to 10:45 AM

Innovation in UAV Delivery
Moderator: TBA

- Transportation Impacts of Delivery Drones, Erica Wygonic, RSG
- UAS Package Delivery Opportunities: Possible Threats and Opportunities for State and Local Governments; Daniel Friedenzohn, Embry-Riddle Aeronautical University
- Innovation in UAV Deliver: FAA Viewpoint, TBD, FAA

11:00 AM to 12:30 PM

Toward Safe and Efficient Freight Operation
Moderator: TBA

- Towards a Smart Urban Freight Plan, Maggie Dong, Varanesh Singh, and Lian Duan, ARUP; Diniece Peters, NYCDOT; Joseph Dack, HDR
- Considerations for Freight and Emergency Vehicles in Complete Streets Design, Alison Conway; City College of New York
- Freight Oriented Development and Mobility in Smart Cities, Amiy Varma, North Dakota State University
- Regional Improvements of Multi State Freight Corridors based on Economic Value and Bottleneck Deficiencies, Ernie Perry, Sue Ahn, and Youngjun Han, University of Wisconsin

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