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TRANSPORTATION RESEARCH BOARD

Transportation Research Board 2020 Safety and Security Conference and APTA Mid-Year Safety Virtual Seminar

Draft Agenda

(Subject to change)

Tuesday, November 17, 2020

11:00AM – 12:30PM

Conference Opening Session

- Welcome and Housekeeping: Lisa Staes, Chair TRB Standing Committee on Transit Safety and Security, CUTR/USF
- Special Speakers: Neil Pederson, TRB; Paul Skoutelas or Nuria, APTA
- Keynote: TBD, FTA
- Special Session Presentation and Discussion: 2020 APTA Safety and Security Awardee Roundtable

1:00PM – 2:45PM

Breakout Session A: Transit Employee Safety and Security – Assaults and Bus Barriers

Moderator: Lisa Staes, Chair TRB Standing Committee on Transit Safety and Security, CUTR/USF

- Colin Mulloy, Chief Safety and Security Officer – Hillsborough Area Regional Transit Authority (HART)
- Rebecca Zelt, Managing Director of Safety and Security, King County Metro
- Andrew Krum, Virginia Tech Transportation Institute
- Shawn Metcalf, Chief of Policy and Safety Lead, METRO Regional Transit Authority, Akron, OH

Breakout Session B: Security Issues and Threats – Weather and Natural Disaster-Related Response and Recovery – Lessons Learned

Moderator: TBD

- Planning Effective Evacuation Routes: How Big Data Can Help Understand Evacuation Risk, Talie Lerner, Streetlight Data (3987)
 - Strategies for Improving Hurricane Resiliency in the Tampa Bay Area, Alexander Kolpokov, Research Associate, Center for Urban Transportation Research, University of South Florida (3888)
 - Agency Perspective: Wanda Dunham, MARTA Chief of Police (retired)
 - Agency Perspective: Eric Muntan, Chief Safety and Security, Miami Dade Transit
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3:15PM – 5:00PM

Breakout Session A: Passenger and Public Safety – Collision Warning/Avoidance and Vehicle Safety

Moderator: Gary Ruggiero, AECOM and Chair – APTA Bus Safety Committee

- TCRP Synthesis 145: Current Practices in the Use of Onboard Technologies to Avoid Transit Bus Incidents and Accidents, Jodi Godfrey, Senior Research Associate, Center for Urban Transportation Research, University of South Florida (3824)
- Evaluation of a Bus Collision Avoidance Warning System in University Towns, Noah Goodall, Senior Research Scientist, Virginia Transportation Research Council (4134)
- Revenue Service Testing of Bus Automated Emergency Braking – Pierce Transit Demonstration, Heidi Soule, PMO Manager, Pierce Transit and Jerome Lutin, PhD
- Comparison of Vehicle-to-Everything (V2X) Technologies for Road Safety, Alexandre Ligo (3989)

Breakout Session B: Emergency Management – COVID and its Impact on Persons Who are Homeless

Moderator: Ronald Pavlik, Chief of WMATA Metro Transit Police

- Joyce Burrell Garcia, Project Manager, Homeless Outreach & Strategic Planning for LAMTA
- Agency Perspective, Tim Chan, Group Manager – Stations Planning, BART
- Agency Perspective,
- Agency Perspective, Laura Hester, Deputy Chief, New Jersey Transit Police Department

Wednesday, November 18, 2020

11:00AM – 12:45PM

Breakout Session A: FTA PTASP Compliance and SMS

Moderator: TBD

- FTA updates on PTASP and Employee Safety Reporting
- TCRP Report F-27: Characteristics and Elements of Non-Punitive Employee Safety Reporting Systems for Public Transportation, Jodi Godfrey, Center for Urban Transportation Research, University of South Florida
- Transit Agency Perspective – Employee Safety Reporting
- Safety Certification of Light Rail Vehicles, Matthew Mitchell, Sound Transit, Seattle, Washington (3073)

Breakout Session B: Security Issues and Threats – Transit Cyber Challenges

Moderator: TBD

- Is the Transit Industry Ready for the Cyber Revolution: Policy Recommendations to Enhance Surface Transit Cyber Preparedness, Scott Belcher, SFB Consulting, LLC (3191)
 - Agency Perspective – Kyle N. Malo, Senior Director Cybersecurity & CISO, WMATA
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- Michael Echols, Max Cybersecurity LLC

1:15PM – 3:00PM

Breakout Session A: Rail Passenger and Public Safety – Trespassing and Suicides in Transit and Commuter Rail

Moderator: Gardner Tabon, Capital Metropolitan Transportation Authority

- Operation Lifesaver, Inc., Rachel Maleh, Executive Director
- An SMS Approach to Rail Transit System Trespassing, Joshua Katz, Chief Safety Regulations Manager, Illinois Department of Transportation (3557)
- Lori Ebbighausen, Vice President of Corporate Safety MTA Long Island Rail Road
- Ed Abel, Director of Operational Safety, SEPTA, Philadelphia, PA

Breakout Session B: COVID-19 Response and Recovery: FTA and APTA Efforts + Transit Agency Best Practices

Moderator: Lou Brown, Jacobs and Chair APTA Safety Coordinating Committee

- FTA COVID Resources and Industry Support (Brian to confirm with Donna)
- APTA COVID-19 Transit Industry Technical Support: Best Practices and Topic White Paper

3:15PM – 5:00PM

Breakout Session A: Transit Employee Safety – Autonomous Track Inspection and Roadway/Right-of-Way Worker Protection

Moderator: TBD

- FTA's Track Inspection and Track Asset Management Research and Demonstration, Jennifer Zahaczewski, ENSCO (4135)
- Saving Lives with Roadway Worker Protection, Jamie Rossignoli, Trapeze Group (3993)
- Protecting Railway Workers with Electronic Roadway Worker Protection Systems, Christine Nestor, Miller Ingenuity (4133)
- HARSCO/Protran – Presentation on Right of Way Worker Protection System(s) – Jaime Maguire, Director, Safety Solutions Division, HARSCO

Breakout Session B: Security Issues and Threats

Moderator: Ronald Pavlik, Chief of WMATA Metro Transit Police

- Transportation Security Administration, Scott Gorton
 - "How Sophisticated are the Attackers?" Brian Jenkins, Mineta (3335)
 - Design of Mass Transit and Light Rail Systems to Mitigate Security Threats, Joseph Englot, HNTB Corporation (3175)
 - TSA Demonstration of SenseGuard for CBRNE Systems at Transit Sites, Eric Tyson and Christian Rose, ENSCO
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