Workshop on Consensus Safety Measurement Methodologies for ADS-Equipped Vehicles

NIST, Gaithersburg, Maryland

June 25-26, 2019

DRAFT Agenda

Tuesday, June 25, 2019

9:00 AM Welcome, Introductions, and Safety

- Edward Griffor, David Wollman (NIST) Confirmed

9:15 AM Workshop Overview, Goals, and Opening Statements

- Workshop Overview and Goals, Chris Greer (NIST) Confirmed – 20 min
- The Safe Integration of Automated Driving Systems, Finch Fulton, Deputy Assistant Secretary for Transportation Policy, U.S. Department of Transportation (USDOT) Confirmed – 20 mins
- Jack Weast (Intel Mobileye) Confirmed – 5 mins
- John Maddox (Lyft) Confirmed – 5 mins

10:15 AM State Perspectives

- Representative (American Association of State Highway and Transportation Officials - AASHTO) Confirmed
- Marisa Walker, Senior Vice President, Infrastructure (State of Arizona) Confirmed
- Catherine McGhee, Director of Research and Innovation (Virginia Transportation Research Council) Confirmed

10:45 AM Break

11:00 AM Developers Perspectives: Manufacturers and Technology Companies

- Jack Weast (Intel Mobileye) Confirmed
- John Maddox (Lyft) Confirmed
- Representative (Waymo) Confirmed
- Representative (Ford Motor Company) Invited
- Padma Sundaram (General Motors) Invited
- Steve Kenner (Uber) Confirmed
- Adam Chiappetta (Fiat Chrysler Automobiles) Invited

12:00 PM Occupant and Road User Safety Perspectives

- Jessica Cicchino, VP of Research (Insurance Institute for Highway Safety - IIHS) Confirmed
- Additional speaker Invitation in progress

12:30 PM Current Standards and Testing Methods (US and International)

- Edward Straub, Executive Director (Automated Vehicles Safety Consortium - SAE) Confirmed
- Myra Blanco, Director (Virginia Tech Transportation Institute - VTTI) Confirmed
- Aviral Srivistava (Arizona State University) Confirmed
1:00 PM Lunch (on your own, NIST cafeteria)

1:50 PM Evolving Methods and Frameworks

- Frank Barickman (National Highway Traffic Safety Administration - NHTSA) Confirmed
- Jack Weast (Intel Mobileye) Confirmed
- Michelle Chaka (Virginia Tech Transportation Institute-VTTI) Confirmed

2:50 PM Break

3:00 PM Breakout Sessions

3 or more subgroups: Guidance questions to be determined – topics may include assessment of the presented methodologies, and ideas on establishing a comprehensive, implementable methodology

4:15 PM Break to Reconvene Plenary

4:30 PM Interim Breakout Group Reports – 5 mins per breakout group

4:45 PM Day 1 Wrap-up, Day 2 Plan, Adjourn

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Wednesday, June 26, 2019

9:00 AM Day Two Opening Remarks, NIST and U.S. DoT

9:15 AM Collaboration for Innovation

How do we collaborate on safety in ways that enable innovation and facilitate product differentiation for healthy competition?

- Perspective on Voluntary Safety Self-Assessment, Dee Williams, Program Manager, Vehicle Safety Research, National Highway Traffic Safety Administration, U.S. Department of Transportation (USDOT) Confirmed
- Data Collection and Sharing, Ken Leonard, Director, Intelligent Transportation Systems Joint Program Office, U.S. Department of Transportation (USDOT) Confirmed
- What is the model for cross-industry collaboration that gets us past the “talking” stage? Representative (Waymo) Invited

10:15 AM Break

10:30 AM Reconvene Breakout Groups

Focus: Perspectives on the effective collaboration strategies and The path forward – How should we proceed? How should we organize? Next steps?

12:30 AM Lunch (on your own, NIST cafeteria)

1:45 PM Report outs – 20 mins per breakout group

2:45 PM Next Steps and Workshop Conclusion (NIST and USDOT)

3:00 PM Adjourn