

Workshop on Governance of Automated Vehicles

Center for Automotive Research, Stanford University

AGENDA

October 20, 2016

8:30 - 8:50 a.m. **Opening and Introductions**

Ken Goodson, Chair, Mechanical Engineering Department, Stanford University

Mark R. Rosekind, Ph.D., Administrator, National Highway Traffic Safety Administration (NHTSA)

Luciana Iorio, Chair, United Nations Economic Commission for Europe Working Party One (UNECE WP.1)

8:50 - 9:15 a.m. **Panel 1. Framing the Discussion: Traditional Government Approaches to Vehicle & Behavioral Safety Assurance & Human-Centered Mobility**

Moderator: Jeff Michael, Associate Administrator for Research and Program Development, NHTSA

Motor Vehicles

Nat Beuse, Associate Administrator for Vehicle Safety Research, NHTSA

Drivers

Robert Nowak, UNECE Sustainable Transport Division Representative

9:15 - 10:30 a.m. **Panel 2. Assuring Safety: Current Best Practices & Considerations for the Future**

Moderator: David Schwietert, Executive Vice President, Federal and Government Relations and Public Policy, Alliance of Automobile Manufacturers

Current Driver Safety Assurance Methods: Licensing, Laws, & Enforcement

Joël Valmain, Vice Chair and France Representative at UNECE WP.1

Current Industry Safety Research, Testing, & Quality Assurance Practices

Emily Frascaroli, Counsel, Safety and Regulatory Affairs, Ford Motor Company

Considerations for Future Safety Performance Assurance

David Strickland, Counsel and Spokesperson, Self-Driving Coalition for Safer Streets

10:30 - 10:50 a.m. **Break**

10:50 - 11:45 a.m. **Exploration of Potential Governance Strategies (Part I)**

Moderator: Luciana Iorio, Chair, UNECE WP.1

Objective Performance Measurement of Complex Systems

Mykel Kochenderfer, Assistant Professor of Aeronautics and Astronautics, Stanford University



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11:45 a.m. - 1 p.m. **Lunch**

Briefing & Discussion: Federal Automated Vehicle Policy
NHTSA Spokespeople

1 - 2:30 p.m. **Exploration of Potential Governance Strategies (Part II)**

Moderator: Peter Larsson, Sweden Representative at UNECE WP.1

Safety Management Systems

Don Arendt, Operations Research Analyst, Federal Aviation Administration

Methods for Incentivizing Safety Performance & Continuous Improvement

Edwin Nas, Netherlands Representative at UNECE WP.1

Innovation in Technical and Regulatory Methods of Assessing Safety

Bryant Walker Smith, Assistant Professor of Law, University of South Carolina

2:30 - 2:50 p.m. **Break**

2:50 - 4:20 p.m. **Exploration of Potential Governance Strategies (Part III)**

Moderator: Joël Valmain, Vice Chair and France Representative at UNECE WP.1

Approaches to Enhance Government-to-Government Research & Regulation Cooperation

Peter Sweatman, Director, University of Michigan Transportation Research Institute

Accommodating the Changing Role of the Driver

Bryan Reimer, Associate Director of the New England University Transportation Center, Massachusetts Institute of Technology

4:20 - 4:45 p.m. **Closing Comments**

Stephen Zoepf, Executive Director of the Center for Automotive Research, Stanford University

Luciana Iorio, Chair, UNECE WP.1

Mark R. Rosekind, Ph.D., Administrator, NHTSA

4:45 p.m. **Adjourn**



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