

Workshop on Automated Vehicle Policy and Regulation: A State Perspective

Date: May 18, 2016

Hosted by:

The National Transportation Center, University of Maryland

Cooperating Organizations

Center for Advanced Transportation Technology, Univ. of Maryland

195 Corridor Coalition

National Renewable Energy Laboratory

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The focus of this workshop is to identify key principles states will need to make effective policy decisions to enable the safe operation of advanced automated vehicles (sometimes called autonomous, self-driving, or driverless vehicles) on state roadways. Several states have already passed legislation to permit testing of automated vehicle, which is to regulate testing of autonomous and automated vehicles so that development can continue in a safe manner. Testing is happening in states even without such laws in place. California recently published the first draft regulations by any state that governs automated vehicle operation (beyond testing.) These regulations are only in draft form, and have not been formally proposed. Existing laws of every state with respect to manually controlled vehicles still govern automated and autonomous vehicle operation.

With this as background and point of departure, this workshop seeks to identify key principles to provide a common basis across states to facilitate operation of automated vehicles in states and municipalities. This is critical both to insure safe operations at the introduction of automated vehicles as well as to avoid needless delays in the deployment of significant advances that will avoid human casualties and suffering as well as provide travel convenience and environmental benefits.

Confirmed speakers include (bios at the end):

Frank Douma, State and Local Policy Program Director

Dorothy Glancy, Santa Clara Law

Prof. Robert Peterson, Santa Clara University

Bryant Walker Smith, University of South Carolina

Alain Kornhauser, Princeton University, Princeton Autonomous Vehicle Engineering

Michael J. Scudato, SVP, Munich Reinsurance America, Inc.

Legislative Panel Representatives:

Delegate Glenn R. Davis, Virginia House of Delegates, 84th District

Other invitees Florida, Tennessee, New Jersey, Delaware, Maryland

- Moderated by Burney Simpson, Editors, Driverless Transportation's MileMarker

Anticipated Program

08:45 AM – 09:00 AM

09:00 AM – 09:30 AM

09:30 AM – 10:45 AM

10:45 AM – 11:00 AM

11:15 PM – 12:00 PM

12:00 PM – 01:00 PM

01:00 PM – 02:30 PM

02:30 PM – 02:45 PM

02:45 PM – 03:15 PM

03:15 PM – 03:30 PM

Registration

Opening remarks

Initial Panel

Break

Second Panel

Lunch

State Legislator Forum and panel discussions

Break

Developing a common framework

Closing remark

Speaker Bios:

Frank Douma, State and Local Policy Program Director

Humphrey School of Public Affairs, University of Minnesota

Frank Douma is Director of the State and Local Policy Program and Coordinator of the Masters of Urban and Regional Planning Degree Program at the Humphrey School of Public Affairs, and a Research Scholar at the Center for Transportation Studies, both located at the University of Minnesota. He manages research projects related to several different areas of transportation policy, including impacts of developments in information and communications technologies (ICT), planning alternative transportation options in both large and small communities, and understanding the impacts of freight transportation. In addition to working at the Humphrey School, Mr. Douma has worked for the Canadian Pacific Railway, the Metropolitan Airports Commission and the Minnesota Department of Transportation. Mr. Douma has a Masters Degree in Public Affairs and a Law Degree from the University of Minnesota, and a Bachelor's Degree in Political Science from Grinnell College.



Bryant Walker Smith, University of South Carolina

Bryant Walker Smith is an assistant professor in the School of Law and (by courtesy) in the School of Engineering at the University of South Carolina. He is also an affiliate scholar at the Center for Internet and Society at Stanford Law School, a faculty affiliate of the Rule of Law Collaborative, chair of the Emerging Technology Law Committee of the Transportation Research Board of the National Academies, and a member of the New York Bar. <http://law.sc.edu/faculty/smith/>



Bryant's research focuses on risk (particularly tort law and product liability), technology (automation and connectivity), and mobility (safety and regulation). As an internationally recognized expert on the law of self-driving vehicles, Bryant taught the first-ever course on this topic and is regularly consulted by government, industry, and media. His publications are available at newlypossible.org.

Before joining the University of South Carolina, Bryant led the legal aspects of automated driving program at Stanford University, clerked for the Hon. Evan J. Wallach at the United States Court of International Trade, and worked as a fellow at the European Bank for Reconstruction and Development. He holds both an LL.M. in International Legal Studies and a J.D. (cum laude) from New York University School of Law and a B.S. in civil engineering from the University of Wisconsin. Prior to his legal career, Bryant worked as a transportation engineer.