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Keynote Speaker: Steven E. Shladover, Sc.D.
University of California PATH Program (Retired) and
Connected and Automated Vehicle Systems Consultant

SHORT BIOGRAPHY:

Dr. Steven Shladover has been researching road vehicle automation systems since 1973, beginning with his masters and doctoral theses at M.I.T. He was the Program Manager, Mobility at the California PATH Program of the Institute of Transportation Studies of the University of California at Berkeley until his retirement in November 2017. He led PATH's pioneering research on automated highway systems, including its participation in the National Automated Highway Systems Consortium from 1994-98, and has continued research on fully and partially automated vehicle systems since then. This work has included definition of operating concepts, modeling of automated system operations and benefits, and design, development and testing of full-scale prototype vehicle systems. His target applications have included cooperative adaptive cruise control, automated truck platoons, automated buses and fully-automated vehicles in an automated highway system.

Dr. Shladover joined the PATH Program in 1989, after eleven years at Systems Control, Inc. and Systems Control Technology, Inc., where he led the company's efforts in transportation systems engineering and computer-aided control engineering software products. He chaired the Transportation Research Board (TRB) Committee on Intelligent Transportation Systems from 2004-2010, and the TRB Committee on Vehicle-Highway Automation from 2013-2019. Dr. Shladover leads the U.S. delegation to ISO/TC204/WG14, developing international standards for "vehicle-roadway warning and control systems". His work has been recognized with the American Automatic Control Council's Control Engineering Practice Award, the SAE Delco Electronics Award for Intelligent Transportation Systems, the ASME Dynamic Systems and Control Division's Charles Stark Draper Innovative Practice Award and multiple best paper awards.