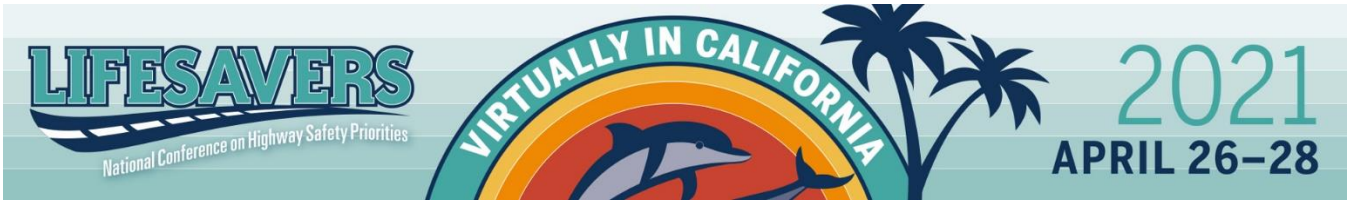

Vehicle Technologies/Automated Driving Workshops *as of 4/21/21*

Who's Driving That Car? Automated Vehicle (AV) Testing in Your Community
There are vehicles on the road now that will one day drive themselves without human intervention. Each company has its own approach to testing and future deployment. Nuances of these vehicles and their current and future engagements with the community are not apparent. Presenters will clarify what's happening in AV testing, and will include both recommendations of national bodies and the perspectives and approaches of companies seeking to safely bring this transformative technology to life.

The Road Less Travelled: Preparing Infrastructure for Future Vehicle Technology
Enhanced infrastructure can accelerate the advancement of future automated and connected vehicles technology. Learn about long-term infrastructure planning for connected and automated vehicle technologies, and what kind of improvements - signage, roadway markings, HD mapping, digital infrastructure, communication, and others - can yield the most immediate benefit and which will be needed moving forward.

Make It Click 2.0: Advancing the Next Generation of Occupant Protection
As long as we continue to see traffic injuries and fatalities on our roadways, there will be a need for improvement and innovation in occupant protection (OP).. How can smarter technologies in vehicles be leveraged to improve occupant protection? What OP challenges do we face with the introduction of AVs and novel seating configurations? How can technology be used to change behavior? Experts will highlight some of the latest developments and research in occupant protection.

Car Talk: Decoding the Actions of Vehicle Technologies
Non-verbal communication is critical to driving. The absence of human eye contact or gestures raises questions: How can occupants and external road users anticipate a vehicle's next action? How do other road users confirm that they have been "seen"? How will law enforcement know it has been recognized? How will the vehicle communicate with visually, hearing, or otherwise impaired individuals? Presenters will discuss these types of questions that are central to the safe deployment of AVs.

Automated & Electric Vehicles: Lessons for Law Enforcement & First Responders
Finding solutions to challenges facing law enforcement and first responders as technologically advanced vehicles make their way into communities remains a top priority. These include automated vehicles, electric vehicles, connected vehicles, and vehicles with advanced driver assistance features. Some are prototypes being developed and tested, while others are deployed for public use. Lessons learned, voluntary guidance and established best practices will be discussed.

NHTSA, You've Come a Long Way Baby! 50 Years of Roadway Safety & Technology
Join the National Highway Traffic Safety Administration (NHTSA) for a panel discussion that will highlight NHTSA initiatives and progress made in key areas of road safety, including technology developments, behavioral changes, and support for law enforcement and EMS partners over the last five decades.

Your Car Can't Drive Itself: Managing Expectations About Vehicle Technologies
Driver assistance systems, especially Level 2 (L2) driving automation, are becoming more sophisticated. Designed to make it easier to physically control the vehicle, this type of driving assistance creates a new driver role - automation supervisor. A driver's capacity to fulfill this role when using different types of L2 systems is a concern. Learn about the capabilities and limitations of L2 systems, their effectiveness in monitoring driver engagement, and drivers' understanding of their roles.