Panel Discussion Talking Points:

From Lifesavers:

- Use on public roads/testing: Vehicles in autonomous mode have already crashed into several police or first responder vehicles.
- Oversight/Enforcement: Mechanism to identify and override – ie. The incident in CA in which police had to first determine that the vehicle they were attempting to pull over was in autopilot, and then work out a means to stop the vehicle as the driver was unresponsive.
- Ensuring that a vehicle will not reengage after a crash – especially as LE or a FR approaches.
- Determining fault for violation of traffic safety laws as it relates to a variety of systems ranging from partial autonomy to full.
- Cybersecurity.

My topics:

- Yielding to emergency vehicles on approach and stationary side of the road.
- Permitting take-over by occupants when faced with danger and escape becomes necessary.
- Autonomous trucking and delivery – how to negotiate Colorado winters and city loading docks.
- Sensors ability to function in inclement conditions, ie. Mag Chloride on windshield and sensors for forward looking.
- Ability to distinguish pothole/parking stop strike vs. crash and avoid hit and run.
- Durability of sensors for pothole/parking stop block run over.
- Maintenance of brakes (pads, disc, etc.) to provide proper friction for auto-stopping.
- Street take-overs by protesters who stop traffic by stepping in front of vehicles.
- Use of vehicles as weapons
  - Terrorist attacks
- Use of autonomous vehicles for criminal enterprise
  - Human trafficking
  - Narcotic transport
  - Weapon transport

Post-Crash Investigations:

- More focus on system failures/outside intrusions (hackers and cybersecurity)
- Who is “operator”? Does the Traffic Code become obsolete as criminal focus, move to more civil in nature? Constitute a violation of law or merely a malfunction? Who’s culpable?
- Traffic Enforcement as a police concern. Multi-modal systems and where does autonomy fit?
  - Stand-up scooters
  - Segway devices
  - Bicycles
- Liability Insurance requirements – same as all other motor vehicles?