

# Breakout Questions and Instructions

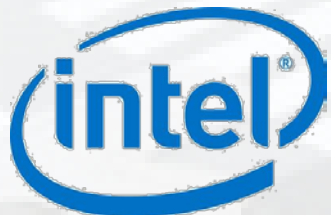
June 25-26, 2019

**NIST**

NIST Campus in  
Gaithersburg, MD



**U.S. Department  
of Transportation**



**VIRGINIA TECH  
TRANSPORTATION INSTITUTE**

# Agenda – Tuesday afternoon

- **1:50PM Evolving Methods and Frameworks**

[Jack Weast, moderator]

- Frank Barickman (USDOT)
- Jack Weast (Intel Corporation)
- Michelle Chaka (VTTI)

- **2:50PM Instructions for Breakouts and Short Break**

- David Wollman (NIST)

- **3:00PM Day 1 Breakouts**

- **4:15PM Break to Reconvene (Green Auditorium)**

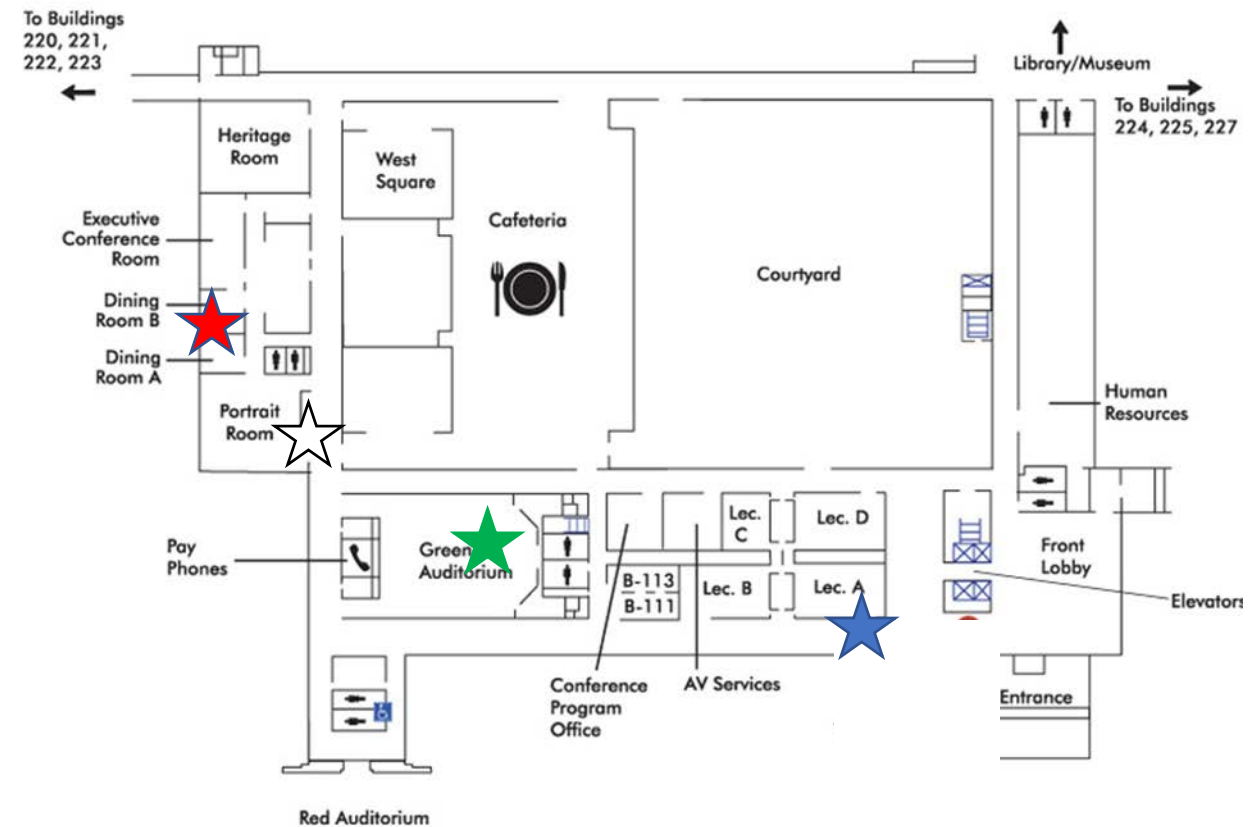
- **4:30PM Breakout Group Reports**

- **4:45PM Wrap-up, Day 2 Plan**

- Chris Greer (NIST)



Day 1 Breakouts – Tuesday June 25		
Meeting Room	Attendee Last Name	Moderator
Lecture Room A	A-G	Jack Weast
Portrait Room	H-M	John Maddox
Dining Room A&B	N-Q	Ed Straub
Green Auditorium	R-Z	Myra Blanco



# Breakout Questions

- **Question 1:** What are appropriate definitions of ‘safety’ in a measurement context, including whether it may be a system measure, a component measure (hardware, software, etc.), a behavior/performance measure, or some combination of these?
- **Question 2:** Is there a need for widely-adoptable measurement methods for ADS-equipped vehicle safety? Are there risks in not pursuing such methods? If so, what are some examples?
- **Question 3:** What are possible safety measurement methods (simulation, test track, on-road, etc.)? What are possible safety metrics (miles driven, pass/fail vs. formal model, etc.)?
- **Question 4:** Are there emerging best-practices around pre-deployment safety measurement methods? Around post-deployment measurement methods? (including the methods and metrics described above).
- **Question 5:** Should measurement of human response to ADS-equipped vehicle safety be a part of the calculation and, if so, in what way?
- ***Question 6: What are possible next steps?***

# Breakouts and Report back to plenary

- Moderator will arrange/ask for volunteers for Rapporteur (or Moderator will do this) to report back results of Breakout session to whole assembly at 4:30PM in Green Auditorium. 5 minutes, no set format (powerpoint or verbal), although report outs should be organized by Question.
- Notetaker(s) in each breakout session to capture key input and concepts, organized by Question.
- If Group size is not too large, brief introductions – or if Moderator determines there are too many participants for introductions, just quickly state name and affiliation before your input.
- Today's Breakout session is 1 hour 15 minutes. Moderator can ask a Timekeeper to help with clock management to keep conversation moving.
- A reasonable goal is to get through 2-3 Questions in the Day 1 Breakout.
- *Remember: Be respectful and constructive, short input is often best, get a good number of ideas on table, avoid side tangents if possible.*

Day 1 – Tuesday, June 25			
Meeting Room	Participant Last Name	Moderator	Notetaker
Lecture Room A	A-G	Jack Weast	Ezra Hayman
Portrait Room	H-M	John Maddox	Greg Leeming
Dining Room A&B	N-Q	Ed Straub	Michelle Chaka/ Ryan Yee
Green Auditorium	R-Z	Myra Blanco	Simone Wilson