

Reducing Conflict Between VRUs and AVs

Summary of Meeting Agenda:

- Overview of VRU crash types (Owens)
- AV/ VRU communication (Habibovic)
- Connected pedestrians at signalized intersections (Head)
- Pedestrian crash avoidance technologies (Aparicio)
- Discussion

Breakout Group Title:

Summary of Key Findings/Lessons Learned from Breakout Discussion:

1. Many are proposing the elimination of traffic signals in the future but it is unclear how those intersections would accommodate VRUs
2. OEMs and researchers are developing different approaches for communicating vehicle “intent”. Not clear if work is being done (or should be done) to develop ways for those outside the vehicle to clearly signal their intent.
3. Significant progress is being made in testing and implementing pedestrian crash avoidance systems.

Breakout Group Title:

Recommended Action Items:

1. Develop a multi-modal vision for the intersection of the future
2. Work towards a universal language for AV/VRU communication
3. Pursue safety improvements now