

## Special Interest Sessions

Special Sessions focus on public and private sector ITS Activities and accomplishments in the U.S. These sessions will be led by ITS professionals who will highlight emerging and effective ITS partnerships, technologies, initiatives, and policies that have made a difference in the communities where they have been implemented. Come with your own experiences and questions and participate in an enriching learning environment.

### **SAFETY FORUM TRACK**

#### **SS04: ITS Projects That Enhance Community Safety**

Monday, May 21  
2:00PM – 3:30 PM

This panel will discuss the elements within ITS projects that enhance community safety. The session will provide planners, project managers, and evaluators with tools in the form of real-world examples from successful projects that inform decision makers of the merit of funding ITS because of its positive impact on safety. The discussion will tackle the cost benefit challenge of showing an ITS project's value beyond its immediate impact to help manage roads to overall community safety.

Organizer: ITS America's Safety Forum

Moderator: Brian D. Burk, Project Director, Texas Department of Transportation

#### **SS15: Evaluating the Effectiveness of Driver Assistance Systems**

Tuesday, May 22  
10:30AM – 12:00PM

This panel will discuss methods used to evaluate driver assistance systems to help drivers act and respond safely and responsibly on the roads. The discussion will include test scenarios, distraction tasks, surprise events, number of drivers, experimental design, measures, and informed consent issues. Critical to the success of these systems is how various test fidelities, from driving simulators, to test tracks, to field operational tests, can support rapid prototyping and iterative design. Some methods that have been developed have worked; others not so much. If your professional responsibilities call on understanding, employing, or responding to the new driver assistance systems, you will find this session helpful.

Organizer: ITS America's Safety Forum

Moderator: Gregory M. Fitch, Senior Research Associate, Virginia Tech Transportation Institute

Invited Speakers:

Eric Traube from National Highway Traffic Safety Administration

Nic Ward from Western Transportation Institute

Dave LeBlanc from University of Michigan Transportation Research Institute

#### **SS28: Traffic Incident Management Technologies**

Tuesday, May 22  
4:00PM – 5:30PM

Traffic incident management is a people-based activity because success depends upon the ability of all disciplines involved to be able to effectively connect, collaborate, communicate and coordinate with all involved in the process. There are different ways that technology can support this need and enhance the probability of success. This panel will discuss how advancements in system interoperability, improved

detection and verification technology, improved equipment, and congestion monitoring devices help improve overall transportation operations programs and efforts to reduce the incident response timeline.

Organizer: ITS America's Safety Forum

Moderator: Eric E. Rensel, Traffic Designer, Gannett Fleming, Inc

Invited Speakers:

**PRESENTATION:**

**Using V2V Communication for Emergency Roadside Assistance in Remote Areas**

### **SS32: Transportation Cyber-security**

Wednesday, May 23

8:30AM – 10:00AM

As more sophisticated data and information sharing networks are deployed in vehicles and in the infrastructure to support drivers and their vehicles, their very presence increases the likelihood for hacking, and compromised networks. This cyber security threat to the automotive environment requires strenuous counter measures to protect data integrity and its use. This panel will discuss the current state of vehicle and network security, current threats faced and what steps can be taken to reduce these serious risks.

Organizer: ITS America's Safety Forum

Moderator: TBD

Invited Speakers:

### **SS37: ITS for Intersection Safety**

Wednesday, May 23

2:00PM – 3:30PM

This panel will discuss ITS approaches from around the country to improve intersection safety. Several states have deployed infrastructure based intersection safety systems that warn drivers on the through roadway and/or drivers waiting at stop signs. Minnesota has experimented with Cooperative Intersection Collision Avoidance Systems for Stop Sign Assist (CICAS-SSA) as part of a broader USDOT funded CICAS program. And the USDOT's Safety Pilot program will demonstrate Vehicle to Vehicle (V2V) intersection collision warnings. ITS also aids in accessibility for pedestrians with impaired vision at signalized intersections. This panel will discuss this landscape of initiatives and consider what the ITS future may hold for intersection safety.

Organizer: ITS America's Safety Forum

Moderator: Jon Jackels (Minnesota DOT)

Invited Speakers:

Ginny Crowson (Athey Creek Consultants)

Ray Starr (Minnesota DOT)

Mike Schagrin (USDOT)

Chen-Fu Liao (University of Minnesota)