Western States Rural Transportation Technology Implementers Forum

The Western States Forum is not like any other meeting or conference!

What is it?

The Western States Forum is an annual event where implementers of ITS technologies have the opportunity to share technical information on best practices and field deployment experiences with fellow professionals from across the western United States. It is an engineering practitioner's conference with the goal of providing a forum for high-quality exchange of technical information that can help to support better ITS deployment in rural areas. It is a forum for dynamic discussion of practical and technical issues associated with rural ITS, to promote transferability of solutions and knowledge across the ITS community. Multiple, highly-interactive technical presentations, ranging in length from 1 to 2 hours each, in-depth equipment demonstrations, and numerous opportunities for network-ing with peers, are all part of the agenda.

The Western States Forum places high importance on the following:

Technical Content.

Presenters delve into how solutions were developed, focusing on applications that have been deployed in the field and are being used in live traffic situations. The longer presentation time ensures that this level of detail may be presented and understood.

Discussion.

Attendance is limited and extended time is allocated to facilitate and encourage detailed technical discussions.

Transparency and trust.

Presenters will discuss not only success stories, but also about failures and problems, so participants can learn about what does and doesn't work and why.

Who should attend?

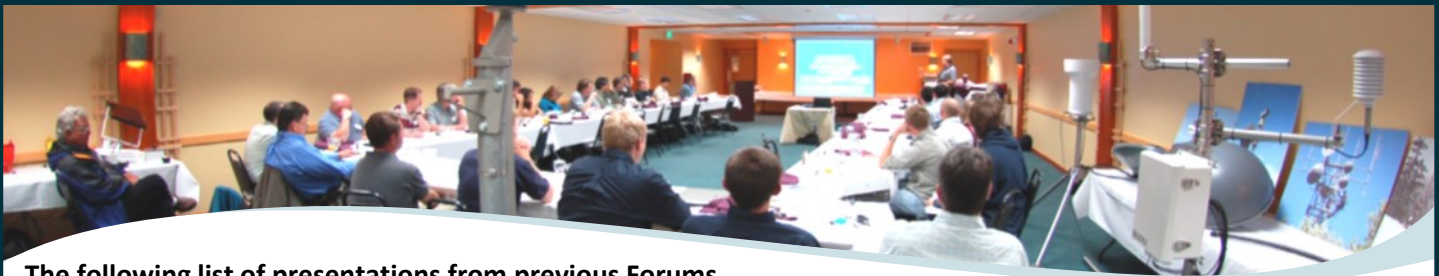ITS technology practitioners at the state and local level:
- Field engineers and maintenance staff
- Systems integration/networking engineers
- Wireless/communications technicians

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**The following list of presentations from previous Forums
will give you a sense of the diversity and depth of topics covered at this meeting:**

2024 Presentations/Demonstrations

- Evaluation of Starlink Satellite Broadband Communications for Caltrans ITS Field Elements
- Let There Be Light: Tunnel Lighting Controls
- OSS by the Numbers - Analytics and their use on the One-Stop-Shop for Rural Traveler Information
- Streamlining ITS: Unifying Variable Speed Limits and Lane Control Across State Agencies
- Utilizing Fuel Cell Technology to Power Transportation Management System Elements During PSPS Events
- Washington's Virtual Coordination Center (VCC) Platform
- Wrong-Way Driver (WWD) Detection System Pilot Project Update

Previous Presentations/Demonstrations

- A Cost-Effective Solution for Truck Parking Based on Artificial Intelligence
- A Tale of Two RWISs (RWIS Trials and Tribulations)
- ASWSC Phase 3: Migration of the Automated Safety Warning System Controller to the Caltrans Advanced Transportation Controller Platform
- Fiber Optic Systems in Rural Areas: Building and Leveraging Fiber Systems
- Hydrogen Fuel Cell Backup Power Systems for ITS Applications
- Idaho's Winter Performance Measures
- Innovative Uses of Unmanned Aerial Vehicle (UAV) Technology
- Multnomah Falls Parking Management System
- Organic vs. Purchased Data for Travel Time Predictions
- PPPoE Security on Networks Utilizing Ethernet Interfaces
- Technical Development of the Western States One Stop Shop for Rural Traveler Information
- Traffic Monitoring Using Fiber Optic Sensing
- UDOT Automated Traffic Signal Performance Measures
- UDOT's Statewide Wrong-Way Detection Project
- Washington State DOT LED Adaptive Roadway Lighting and Illumination Reform
- Weather Warning Systems in Oregon and Region 5 Interstate Access Gates

A complete list of presentations from past Forums can be found at www.westernstatesforum.org/PastForums/.

For further information please visit www.westernstatesforum.org or contact:

Andres Chavez, P.E.	**Jeremiah Pearce, P.E.**	**Leann Koon**	**Douglas Galarus**
Caltrans	*Caltrans*	*WTI*	*Montana Tech*
andres.chavez@dot.ca.gov	jeremiah.pearce@dot.ca.gov	leann.koon@montana.edu	dgalarus@mtech.edu
(530) 780-6877	(530) 225-3320	(406) 994-7643	(406) 496-4858

The Forum is sponsored by the Western States Rural Transportation Consortium.