

Starting in 2006, we and many of our peers have met annually at the Mount Shasta Resort for a peer exchange event called the Western States Rural Transportation Technology Implementers Forum. The forum has provided ITS implementers and engineers with a valuable opportunity to engage in a detailed level of discussion about some innovative engineering and communications projects designed to support the rural transportation system. We have found the forum valuable, not only for the detailed and knowledgeable presentations, but also for the times outside of sessions where we could network with our peers from several western states, surrounded by beautiful rustic scenery and wonderful dining opportunities.

We are pleased to announce to you that the 4th annual Western States Forum will take place June 16-18, 2009, again at beautiful Mount Shasta, California, through a partnership between the California Department of Transportation and the Western Transportation Institute (Montana State University). We promise continued excellence in technical content and meeting facilities, along with a range of new technical topics. Due to the favorable response to demonstrations and equipment displays at last year's Forum, we are again encouraging attendees to bring technologies to demonstrate to their peers.

The Western States Forum is not like other meetings. You'll see that we provide extended time for each presentation, allowing speakers to get into a far greater level of detail about the projects, whether it relates to equations, source code or component-level discussion -- basically the nuts and bolts of how a project works. This is a technically targeted event with a cap on the number of people who attend. This has helped to create a more informal atmosphere allowing for a freer exchange of ideas, and a better chance to network with peers.

Through Caltrans' partnership with WTI, we have been able to make this event quite affordable. Lodging at the Mount Shasta Resort is subsidized and the cost of all meals will be covered.

Again in 2009, there is no registration fee.

With the networking opportunities, in-depth and relevant technical program, excellent location, low cost, and quality facilities, this will be an event you won't want to miss.

We hope you will join us June 16-18 in Mount Shasta!

Sean Campbell, P.E.

*Chief, ITS Special Projects Branch
Caltrans Division of Research and Innovation*

Ian Turnbull, P.E.

*Chief, Office of ITS Engineering and Support
Caltrans District 2*

2009 AGENDA

Tuesday, June 16, 2009

4:00-7:00 pm Registration
5:00-6:30 pm No-Host Bar in Siskiyou Room
6:30-9:00 pm Dinner Reception*

Wednesday, June 17, 2009

7:00-8:00 am Breakfast Buffet*
8:00-8:15 am Welcome and Introductions
8:15-12:00 pm Technical Presentations
12:00-1:00 pm Lunch*
1:00-5:00 pm Technical Presentations
5:00-5:15 pm Comments/Evaluations
5:45 pm Evening Dinner/Social*

Thursday, June 18, 2009

7:00-8:00 am Breakfast Buffet*
8:00-12:15 pm In-depth Equipment Demonstrations
12:15-1:00 pm Concluding Remarks /Evaluations
12:30 pm Boxed Lunch*

**Guests, such as a spouse and children, are welcome and encouraged to attend these events. A minimal fee payable at forum check-in will be charged, either *à la carte* or \$50 for an individual and \$75 for a family to attend all of these events.*



PREVIOUS PRESENTATIONS

The following list of presentations from previous forums will give you a sense of diversity and depth of topics covered at this meeting.

- A Tale of Two RWISs (RWIS Trials and Tribulations)
- Caltrans District 9 Mountain Pass Signs
- Fiber Optic Network/Topology Design on State Highways
- Improving Traffic Data Collection Using Wireless Technology
- Microwave Communications for Rural ITS Applications
- Oregon DOT Traveler Information Systems
- Redding Responder Project: Mobile Data Communication Challenges and Solutions in Remote Rural Areas
- TMC-TMS Communications: Overview and Demonstration
- Unlicensed Wireless Multipoint System in Sacramento Metro
- Washington DOT Field Tests of Wireless and Microwave Vehicle Detection Systems
- Weather Warning Systems in Oregon and Region 5 Interstate Access Gates
- Web-Based ITS Field Element Control
- Weigh-In-Motion NOT DONE ON A WIM!

2009 PRESENTATIONS/DEMONSTRATIONS

Presentations

- Creation of an Ethernet/IP Backbone System for Wyoming's Department of Transportation
- Automatic Traffic Data Collection Using Surveillance Video Cameras
- Ground System Design and its Role in ITS
- Run-Away Truck Escape Ramp: A Trucker's Safety Net

Demonstrations

- ITS Traffic Management Systems Communication
- Caltrans WeatherShare System: A Look at Design, Development, and Usability
- Simple Network Contact Closure
- Hand-Held Diagnostics Terminal



WESTERN STATES RURAL TRANSPORTATION TECHNOLOGY IMPLEMENTERS FORUM



2009

June 16-18, 2009
Mount Shasta Resort, California



WESTERN TRANSPORTATION INSTITUTE

*Advancing Rural Transportation
through research and education*



Western Transportation Institute
Montana State University-Bozeman
PO Box 174250,
Bozeman, MT 59717-4250

What Is It?

The Western States Rural Transportation Technology Implementers Forum is a two-day meeting where professionals involved with implementing transportation technology solutions exchange detailed technical information about how solutions are engineered and implemented. It is a day for dynamic discussion of practical and technical issues associated with rural ITS, to promote transferability of solutions and knowledge across the ITS community. The 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. Technical presentations are planned for 60 to 90 minutes each, ensuring 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

When and where is this?

June 16-18, 2009 at Mount Shasta Resort,
in Mount Shasta, California.

Registration Form Please register by May 8th.
is reached or on May 8th, whichever comes first. Registration after the deadline will be dependent on space and lodging availability.

Attendance is limited. Registration will close when the maximum number

Name _____ Title _____

Organization _____

Address _____
Street _____ City _____ State _____ Zip _____

Contact _____
Daytime Phone _____ Fax _____ Email _____

*Guests If guests will be attending, please indicate how many: _____

**Guests are welcome! Family-friendly rates will be charged either a la carte or at a package rate for select events and are payable at forum check-in.*

Mail to the address below, or submit your information electronically to leann.koon@coe.montana.edu
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