

13th ANNUAL

Western States Rural Transportation Technology Implementers Forum

June 19-21, 2018

Best Western Miner's Inn
Yreka, California



www.westernstatesforum.org

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 time 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 one to two hours 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 successes, but also failed and problematic deployments, 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 it?

June 19-21, 2018
Best Western Miner's Inn, Yreka, California

www.westernstatesforum.org



Starting in 2006, we and many of our peers have met annually 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 ITS engineering 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.

We are pleased to announce to you that the 13th annual Western States Forum will take place June 19-21, 2018, in scenic Yreka, California, through the Western States Rural Transportation Consortium (WSRTC). We promise continued excellence in technical content along with a range of new technical topics. Due to the favorable response to demonstrations and equipment displays, we encourage attendees to bring technologies to demonstrate to their peers.

The Western States Forum is not like other meetings. You will 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 an open exchange of ideas and a better chance to network with peers. Through WSRTC sponsorship, we have been able to make this event quite affordable. Lodging at the **Best Western Miner's Inn, Yreka** is available at the state government rate and the cost of all meals will be covered. 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 19-21 in Yreka!

Sean Campbell, P.E.

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

Jeremiah Pearce, P.E.

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

2018 AGENDA



Tuesday, June 19, 2018

4:00-7:00 pm Registration

5:00-6:30 pm *No-Host Social*

6:30-9:00 pm *Dinner Reception*

Wednesday, June 20, 2018

7:00-7:45 am *Breakfast*

7:45-8:00 am Welcome and Introductions

8:00-12:30 pm Technical Presentations/Demonstrations

12:30-1:15 pm *Lunch*

1:15-5:15 pm Technical Presentations/Demonstrations

5:15-5:30 pm Comments/Evaluations

6:15 pm *Evening Dinner/Social*

Thursday, June 21, 2018

7:00-7:45 am *Breakfast*

7:45-8:00 am Welcome

8:00-12:00 pm Technical Presentations/Demonstrations

12:00-1:00 pm *Lunch, Check-Out*

12:45-1:00 pm Concluding Remarks/Evaluations

2018 INVITED PRESENTATIONS/DEMONSTRATIONS



- Active Traffic Management (Oregon DOT)
- Adapting an Advanced Traffic Management System for Rural Deployment (Southwest Research Institute)
- Cellular Communications in Rural Applications (Caltrans District 2)
- DWR Hydrological Weather Stations (California Department of Water Resources)
- From AWOS/RWIS to Caltrans Aviation Weather Information (AWI) (Caltrans, WTI/MSU)
- ITS, Signals, Signage, and Sign Structures Condition Rating Dashboard (Oregon DOT)
- Managing Winter Maintenance Costs and Increasing Safety through an Advanced Weather Visualization Platform (Idaho National Lab, Idaho Transportation Department)
- Mobile Device App for Maintaining CMS Field Elements (AHMCT, UC Davis)
- UDOT's Snow and Ice Performance Measure (Utah DOT)

PREVIOUS PRESENTATIONS



The following partial 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)
- Commercial Wholesale Web Portal 2: Providing Caltrans' Traveler Information Data to Third Party Developers
- Field Element Network Design for a Rural Transportation Management Center
- Idaho's Winter Performance Measures
- Photovoltaic Power Systems for Rural ITS
- PPPoE Security on Networks Utilizing Ethernet Interfaces
- Technical Development of the Western States One Stop Shop for Rural Traveler Information
- UDOT Automated Traffic Signal Performance Measures
- Washington State DOT LED Adaptive Roadway Lighting and Illumination Reform
- Weather Warning Systems in Oregon and Region 5 Interstate Access Gates
- WYDOT Roadside WiFi and Tablet App

See www.westernstatesforum.org/PastForums/ for a complete list of presentations from previous Forums.



- Completed registration forms can be submitted by email, fax or mail.
- Attendance is limited. Registration will close when the maximum number is reached or on May 18th, whichever comes first. Registration after the deadline will be dependent on space and lodging availability.
- To make your lodging reservations, please contact the **Best Western Miner's Inn** by June 8th, 2018.

Name _____		Title _____		Organization _____	
Address _____		City _____		State _____ Zip _____	
Street _____		City _____		State _____ Zip _____	
Contact _____		Daytime Phone _____		Email _____	

**Guests are welcome and encouraged to attend the events listed below.*

Contact Leann Koon at the Western Transportation Institute for more information; (406) 994-7643.

Guests? Yes No If Yes, please indicate how many: _____

Participant meals

Please check the box if you or a guest will be participating in the following event meals.

- Meals for participants are fully covered by the Forum.
- Guests will be charged a reasonable fee for meals. If you marked yes for guests, a follow-up contact will be made with meal prices and to confirm guest meal and activity selections. Guest fees can be paid at event registration.

	Participant	Guest 1	Guest 2	Guest 3	Guest 4
Tuesday, June 19 th , Dinner Reception _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wednesday, June 20 th , Lunch _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wednesday, June 20 th , Dinner/Social _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Thursday, June 21 st , Lunch _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
If you have any special dietary needs, please check here. _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

For additional information, please contact Leann Koon:

Phone: (406) 994-7643 Email: leann.koon@montana.edu

Submit Registration Form

Submit by Email

Print Form

Fax: (406) 994-1697

Mail: Western Transportation Institute, Attn: Leann Koon, Montana State University, PO Box 174250, Bozeman, MT 59717-4250





Best Western Miner's Inn

www.bestwesterncalifornia.com/hotels/best-western-miners-inn

• Please call the **Best Western Miner's Inn** directly to make a lodging reservation.

Phone: (530) 842-4355

- The group reservation name is "WSF."
- A credit card will be required to hold your room reservation and at check-in. Room charges will be made upon check-out.
- Please make reservations by June 8th.

Lodging Options*

- **Single bed room**
 - 1 king bed
 - \$91.00 plus tax/night = \$101.92/night
- **Double bed room**
 - 2 queen beds
 - \$105.00 plus tax/night = \$117.60/night

**Availability of each accommodation type within the block is limited and reservations will be filled on a first come first served basis.*

The lodging block is available for individual reservations to be guaranteed with a major credit card at the time of booking.

In the event of cancellation, each individual will be responsible for the cancellation charges for his or her own reservation (with the credit card on file). No charges will be incurred if the cancellation notice is received more than 24 hours prior to the date of check-in. If the reservation is cancelled less than 24 hours before the scheduled arrival date, the individual will be responsible for the full room charge.



Directions:

From Interstate 5, take exit 775 toward Central Yreka. Head west on E Miner St / Center St. Hotel is situated in between the Interstate and Main Street.

From Interstate 5 **north bound**, take exit 775 toward Central Yreka. Turn left onto E Miner St and hotel will be on the right.

From Interstate 5 **south bound**, take exit 775 toward Central Yreka. Turn right onto E Miner St and hotel will be on the right.

Closest Airports:

Medford, OR: 52 miles to the north on Interstate 5
Redding, CA: 103 miles to the south on Interstate 5

Map available online www.westernstatesforum.org

