

**REGISTER TODAY!**

# WESTERN REGIONAL SURVEY CONFERENCE

## SADDLE UP FOR KNOWLEDGE MAPPING THE LAND SURVEYING FRONTIER

**MARCH 23-26, 2024**

### FEATURED SPEAKERS:

KRIS KLINE  
GARY KENT  
JOHN STAHL  
DAVEY EDWARDS  
DR. DRU SMITH

### PROGRAMS:

CFEDS WORKSHOP  
SURVEY TECHNICIAN TRACK



Western Federation of Professional Surveyors  
**WFPS**



**HORSESHOE HOTEL  
AND CASINO  
LAS VEGAS, NV**

### CONFERENCE INFO:

[www.PLSeducation.org](http://www.PLSeducation.org)

T. (888) 994-3510

E. [conference@PLSeducation.org](mailto:conference@PLSeducation.org)

# WESTERN REGIONAL SURVEY CONFERENCE MARCH 23-26, 2024

## HORSESHOE HOTEL AND CASINO LAS VEGAS, NV



## Welcome

The Western Regional Survey Conference is upon us. This year the Conference will be held March 23-26, 2024 at the Horseshoe Las Vegas (formerly Bally's) in Las Vegas, NV. We hope we have included all necessary information regarding the Conference, however, please feel free to contact the Conference Office at (888) 994-3510 or email [conference@plseducation.org](mailto:conference@plseducation.org), if you have additional questions. For updated Conference information, please visit the conference website [PLSeducation.org](http://PLSeducation.org).

## The Horseshoe Las Vegas

Stay in the center of the strip with everything from unique shows to an outdoor shopping plaza. Unwind in a spacious, renovated room at this iconic Las Vegas hotel in the heart of the Vegas strip. In addition to the casino and legendary nightlife, there are activities for everyone. Bring the whole family to a historical showroom for a night to remember. From mental magic to hilarious parodies, Horseshoe entertainment will be a highlight of your stay. Current shows include "Potted Potter (Harry Potter parody), Paranormal Mind Reading Magic, Dita Von Teese, and Battlebots. The unique attractions at Horseshoe make for an action-packed day that's fun for the whole family. Play one of 80 arcade games, book a round of mini golf at Twilight Zone by Monster Mini Golf, or check out the REAL BODIES exhibit or Dino Safari.

## Hotel Reservations

The Horseshoe Las Vegas is located at 3645 Las Vegas Blvd. South, Las Vegas, NV. Reservations should be made directly with the hotel. The cut-off date for hotel reservations is February 29, 2024.

**Reservations:** <https://book.passkey.com/go/SBWRS4>

**Cut-off Date:** February 29th - **Reserve early for guaranteed pricing.**

**Group Rates:** \$149 (Fri/Sat) \$50 (Sun - Tue)

**Resort Fee:** \$25

*Complimentary Parking Available. Contact Conference Office for more Info.*

**For  
More  
Information**

Western Regional Survey Conference Office  
526 South E Street • Santa Rosa, CA 95404  
T. (888) 994-3510 F. (707) 578-4406  
[www.PLSeducation.org](http://www.PLSeducation.org) • [conference@PLSeducation.org](mailto:conference@PLSeducation.org)

# CONFERENCE INFORMATION

## SCHOLARSHIP AUCTION Monday, March 25th

The Scholarship Auction continues to be a highlight of the Conference. There's something for everyone at the auction and best of all, all proceeds support surveying education. Proceeds will benefit the participating association's Education Foundations. Vendors, Chapters, and individual members donate items ranging from older (we prefer the term "historic") survey equipment to gift baskets. To donate an item to the Scholarship Auction, please visit the conference website [PLSeducation.org](http://PLSeducation.org) and click on Auction.



### DONATIONS NEEDED!

If you have an item you would like to donate to the Scholarship Auction, please contact (888) 994-3510 or email to: [Conference@PLSeducation.org](mailto:Conference@PLSeducation.org)

### CONTINUING EDUCATION INFO

Over 22 hours of continuing education available. Attendees will use the Conference app to track their attendance at classes. At the end of the Conference, attendees will download a certificate which will include session titles, speaker names, date, and hours.

### CERTIFIED SURVEY TECHNICIAN

We have allocated time during the Conference to proctor the CST exam. If you would like to take a CST Exam, please contact the Conference Office.

### GRAND PRIZE

The Grand Prize Drawing will be held at the Closing Ceremonies on Tuesday, March 26th.

Tickets for the Grand Prize Drawing are limited to Conference full-paid registrants.

Winners must be present at the Closing Ceremony.



# PRELIMINARY PROGRAM

## Saturday, March 23, 2024 - PreConference Workshop

- 7:30 AM – 8:00 AM Refreshment Break
- 8:00 AM – 12:00 PM CFedS Workshop  
Glen Thurow, PLS, CFedS & Tasha Huhta, PLS
- 8:00 AM – 12:00 PM Risk Mitigation for UAS Operations  
LIDAR vs Photogrammetry, Which is the Right Choice for Our Operations?  
Douglas Spotted-Eagle
- 8:00 AM – 12:00 PM Riparian Boundaries  
Davey Edwards, PLS
- 10:00 AM – 10:30 AM Refreshment Break
- 12:00 PM – 1:00 PM Luncheon
- 1:00 PM – 5:00 PM CFedS Workshop (Continued)  
Glen Thurow, PLS, CFedS & Tasha Huhta, PLS
- 1:00 PM – 5:00 PM UAS Safety 101 followed by Live Flight Exercise  
Douglas Spotted-Eagle
- 1:00 PM – 5:00 PM Surveying the Frontier of GIS Integration  
Dave Grafton
- 3:00 PM – 3:30 PM Refreshment Break
- 6:00 PM Scholarship Bowling FUNdraiser

Preliminary Program  
Subject to Change.

Final Program will be  
posted prior to February  
29th early bird cut-off  
date.

## Sunday, March 24, 2024

- 7:00 AM – 8:00 AM Refreshment Break
- 8:00 AM – 9:00 AM Opening Ceremonies  
Exhibitor Introductions
- 9:00 AM – 9:30 AM Refreshment Break with Exhibitors
- 9:30 AM – 11:30 AM Art of Retracement  
Gary Kent, PLS
- 9:30 AM – 11:30 AM Ethics in Surveying  
John Stahl, PLS
- 9:30 AM – 11:30 AM Courtroom Preparation & Communication Skills  
Kris Kline, PLS
- 9:30 AM – 11:30 AM Board of Registration Update  
Representatives from AZ, CA, NM, NV, WY Boards of Registration
- 9:30 AM – 11:30 AM Survey Tech: The Current State of Drone Surveying  
Logan Campbell



# PRELIMINARY PROGRAM

## Sunday, March 24, 2024 (Continued)

- 11:30 AM – 1:00 PM Awards Luncheon
- 1:00 PM – 3:00 PM Art of Retracement (Continued)  
Gary Kent, PLS
- 1:00 PM – 3:00 PM Boundaries and Adjacent Properties  
John Stahl, PLS
- 1:00 PM – 3:00 PM Courtroom Preparation & Communication Skills (Continued)  
Kris Kline, PLS
- 1:00 PM – 3:00 PM NSRS Modernization  
Dr. Dru Smith, Ph.D., NOAA NGS Program Manager
- 1:00 PM – 3:00 PM Survey Tech: Existent, Obliterated, or Lost.....Does it Really Make a Difference  
Mike Hart, PLS
- 3:00 PM – 3:30 PM Refreshment Break with Exhibitors
- 3:30 PM – 5:00 PM Art of Retracement (Continued)  
Gary Kent, PLS
- 3:30 PM – 5:00 PM Boundaries and Adjacent Properties (Continued)  
John Stahl, PLS
- 3:30 PM – 5:00 PM Precise Aerial Mapping  
Ahmed F. Elaksher, PhD, PS, PE, CP, M.ASCE
- 3:30 PM – 5:00 PM Drone to CAD with Carlson  
Scott Griffin
- 3:30 PM – 5:00 PM Survey Tech: GPS Geodesy  
Steve Martin, PLS
- 3:30 PM – 5:00 PM Round Table: Resources: Outreach & Workforce Development
- 6:00 PM Icebreaker Reception in Exhibit Hall

## THANK YOU TO OUR ICEBREAKER RECEPTION SPONSOR



# PRELIMINARY PROGRAM

## Monday, March 25, 2024

- |                     |   |
|---------------------|---|
| 8:00 AM – 8:30 AM   | Refreshment Break with Exhibitors   |
| 8:30 AM – 10:00 AM  | ALTA Surveys<br>Gary Kent, PLS  |
| 8:30 AM – 10:00 AM  | War Between the States<br>Kris Kline, PLS   |
| 8:30 AM – 10:00 AM  | Survey Project from Field to Plotted Sheet with Carlson Software<br>Jennifer DiBona   |
| 8:30 AM – 10:00 AM  | The Life-Changing Formula to Sell or Buy a Land Surveying Business<br>John Allen      |
| 8:30 AM – 10:00 AM  | Survey Tech: Interpreting Master Title Plats<br>Mike Hart, PLS                        |
| 8:30 AM – 10:00 AM  | National Association of County Surveyors Annual Meeting                               |
| 10:00 AM – 10:30 AM | Refreshment Break with Exhibitors   |
| 10:30 AM – 12:00 PM | ALTA Surveys (Continued)<br>Gary Kent, PLS  |
| 10:30 AM – 12:00 PM | War Between the States (Continued)<br>Kris Kline, PLS                                 |
| 10:30 AM – 12:00 PM | Civil 3D: Survey Database and Dynamic Features<br>John Dingwall                       |
| 10:30 AM – 12:00 PM | Communication Tools for Surveyors<br>Michael Kramer                                   |
| 10:30 AM – 12:00 PM | Survey Tech: Legal Descriptions<br>Armand Marois, PLS                                 |
| 12:00 PM – 1:30 PM  | Luncheon - Matthew Byrd, Reality Capture Network                                      |
| 1:30 PM – 3:00 PM   | Mock Trial Part 1<br>Gary Kent, PLS   |
| 1:30 PM – 3:00 PM   | Call Before You Dig - Surveyor & the Cemetery<br>Kris Kline, PLS                      |
| 1:30 PM – 3:00 PM   | Dueling CAD Stations: Civil 3D vs Carlson Software<br>John Dingwall & Jennifer DiBona |
| 1:30 PM – 3:00 PM   | Survey Folklore, Rituals, and Deities<br>Dustin Gardner, PLS                          |
| 1:30 PM – 3:00 PM   | Survey Tech: 3D Laser Scanning for Dummies<br>Rob Mooers                              |

# PRELIMINARY PROGRAM

## Monday, March 25, 2024 (Continued)

- 3:30 PM – 5:00 PM Mock Trial Part 1 (Continued)  
Gary Kent, PLS
- 3:30 PM – 5:00 PM Call Before You Dig - Surveyor & the Cemetery (Continued)  
Kris Kline, PLS
- 3:30 PM – 5:00 PM How Accurate are Drone Surveys and How to Prove it  
Logan Campbell
- 3:30 PM – 5:00 PM Surveying, an Indispensable Art: Evidence from Ancient Mesopotamia  
Stephen Hughey, PLS
- 3:30 PM – 5:00 PM Survey Tech: Construction Surveying  
Rob McMillan, PLS
- 3:30 PM – 5:00 PM Roundtable: Young Surveyors Network
- 6:00 PM Scholarship Auction & Dinner

## Tuesday, March 26, 2024

- 8:00 AM – 8:30 AM Refreshment Break
- 8:30 AM – 12:00 PM Mock Trial Part 2  
Gary Kent, PLS
- 8:30 AM – 12:00 PM Making Tracks - Railroad Problems  
Kris Kline, PLS
- 8:30 AM – 10:00 AM New AI Powered Tools to Increase Drone Point Cloud Deliverable Productivity  
Jenn Triana
- 10:00 AM – 10:30 AM Refreshment Break with Exhibitors & Exhibit Raffles
- 10:30 AM – 12:00 PM LiDAR Technology for Monitoring and Analyzing Surface Data: Case Studies in Wall and Pavement Analysis  
Jean Paul Hernandez
- 12:00 PM Closing Ceremonies/Grand Prize Drawing  
Winners must be present

## SPECIAL THANKS TO OUR PLATINUM SPONSOR



# WESTERN REGIONAL SURVEY CONFERENCE 2024 REGISTRATION

NAME (First/Last) \_\_\_\_\_ NICKNAME or NAME (as you wish it to appear on your badge) \_\_\_\_\_

COMPANY \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PHONE \_\_\_\_\_ FAX \_\_\_\_\_

E-MAIL \_\_\_\_\_

MEMBER # (Indicate: CLSA OR NALS) \_\_\_\_\_

SPOUSE/GUEST (if attending – see Spouse/Significant Other Registration below) \_\_\_\_\_

<b>MEMBER REGISTRATION</b>			
	BY MAR 5	AFTER MAR 5	AMOUNT
<b>PreConference Workshops</b> <small>PreConference Workshops: Saturday (all day).</small>	\$275	\$325	\$ _____
<b>Conference Only</b> <small>Conference Only Registration: Sunday through Tuesday. Includes Sunday, Monday and Tuesday Luncheons, Sunday IceBreaker Reception and Monday Scholarship Auction. Does not include Pre-Conference Workshops on Saturday (all day).</small>	\$450	\$500	\$ _____
<b>Conference &amp; PreConference Workshop \$575</b> <small>Full Conference Registration: Saturday through Tuesday. Includes all preconference workshops and conference registration.</small>	\$575	\$625	\$ _____
<b>Conference One Day</b> <small>Select Day: <input type="checkbox"/> Sunday <input type="checkbox"/> Monday <input type="checkbox"/> Tuesday</small>	\$250	\$300	\$ _____

<b>NON-MEMBER REGISTRATION</b>			
	BY MAR 5	AFTER MAR 5	AMOUNT
<b>PreConference Workshops</b> <small>PreConference Workshops: Saturday (all day).</small>	\$375	\$425	\$ _____
<b>Conference Only</b> <small>Conference Only Registration: Sunday through Tuesday. Includes Sunday, Monday and Tuesday Luncheons, Sunday IceBreaker Reception and Monday Scholarship Auction. Does not include Pre-Conference Workshops on Saturday (all day).</small>	\$550	\$600	\$ _____
<b>Conference &amp; PreConference Workshop \$675</b> <small>Full Conference Registration: Saturday through Tuesday. Includes all preconference workshops and conference registration.</small>	\$675	\$725	\$ _____
<b>Conference One Day</b> <small>Select Day: <input type="checkbox"/> Sunday <input type="checkbox"/> Monday <input type="checkbox"/> Tuesday</small>	\$350	\$400	\$ _____

<b>OTHER REGISTRATION</b>			
<b>Spouse/Significant Other Registration</b> <small>Includes badge, entrance to Exhibit Hall, Sunday Icebreaker Reception, Sunday and Monday Lunch and Monday Scholarship Auction.</small>	\$275		\$ _____
<b>Full-time Student Registration</b> <small>Must attach current student ID. Includes Conference Registration (Sunday through Tuesday), Sunday, and Monday Luncheons, Sunday IceBreaker Reception and Monday Scholarship Auction. Does not include PreConference Workshops on Saturday (all day).</small>	\$275	\$275	\$ _____

<b>OPTIONAL ACTIVITIES</b>			
			AMOUNT
Extra Sunday Lunch Ticket	_____ @ \$60		\$ _____
Extra Monday Lunch Ticket	_____ @ \$60		\$ _____
Extra Sunday Icebreaker Ticket	_____ @ \$60		\$ _____
Extra Monday Auction/Dinner Ticket	_____ @ \$75		\$ _____
Student Assistance Donation ( <i>Suggested Donation \$25</i> )			\$ _____

**PAYMENT INFORMATION**

Total Enclosed \$ \_\_\_\_\_

Check Enclosed (Checks payable to WRSC Conference)

Charge to:  Visa  MasterCard

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**MAIL TO:** WRSC Conference Office  
526 South E Street  
Santa Rosa, CA 95404

**FAX TO:** (707) 578-4406

**QUESTIONS?**  
(888) 994-3510  
[conference@plseducation.org](mailto:conference@plseducation.org)

**CANCELLATIONS:** - Cancel by March 5, 2024 to receive a refund, less a \$50 cancellation fee. After March 5, 2024 no refund will be available but substitutions can be made. Cancellations must be made in writing by emailing [conference@PLSeducation.org](mailto:conference@PLSeducation.org)

**IMPORTANT** - Visit Conference website, [PLSeducation.org](http://www.PLSeducation.org) for other important disclaimers and information.



Register Online at: [www.PLSeducation.org](http://www.PLSeducation.org)



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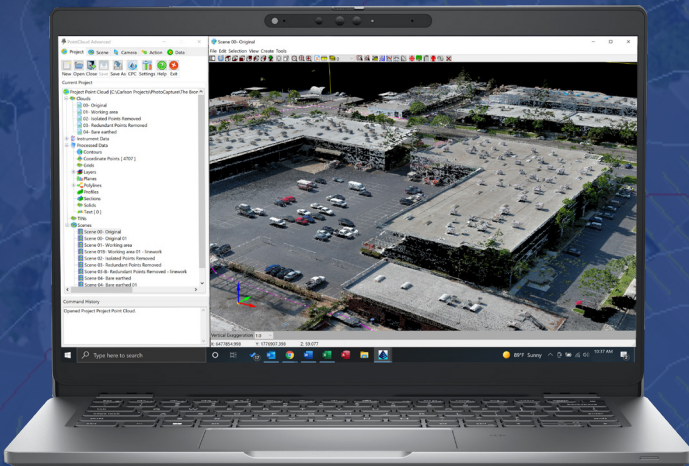
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