

FWDUG

BOARD OF DIRECTORS

Executive Director
Stan Smith
BDI

Secretary
Jessica Schmalzer
Nevada DOT

Treasurer
Lorina Popescu
City of San Jose CA

Directors

Russell Dabbs
AASHTO re:source

Phillip Donovan
Applied Research Associates

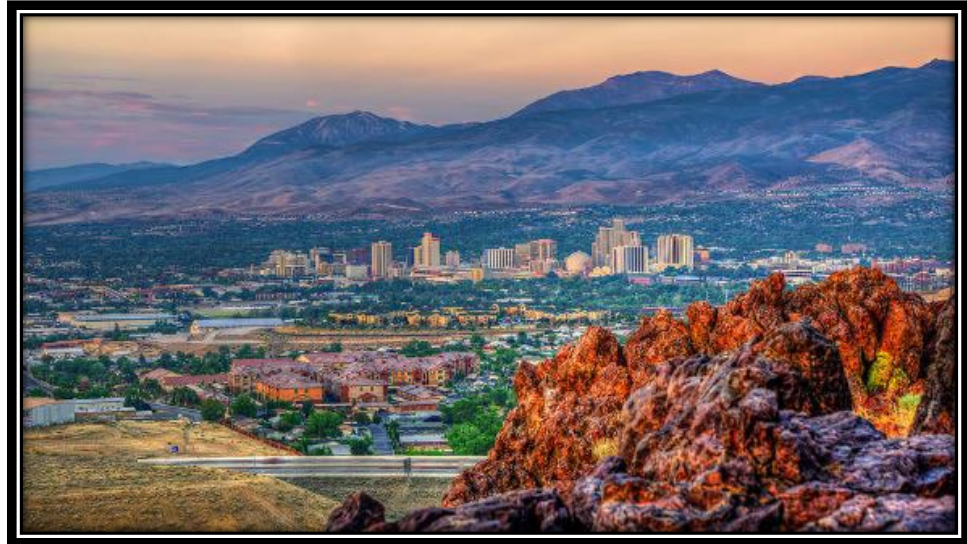
Richard Ji
*Federal Aviation
Administration*

Sonny Kim
University of Georgia

Hyung Lee
Applied Research Associates

David Orr
Cornell University

2022 MEETING ANNOUNCEMENT



The board of directors of the FWD Users Group is pleased to announce the 31st Annual FWDUG Meeting. This year's meeting will be held in-person at the University of Nevada Reno on October 25-26, 2022 in Reno, Nevada.



The meeting offers an excellent opportunity for information exchange, and if you have any questions about FWD equipment, data collection or analysis you can most likely get them answered.

Dates:	<u>Monday, October 24, 2022</u> – Pre-conference Reception (evening)
	<u>Tuesday, October 25, 2022</u> – Technical Sessions (all day) and an evening dinner and event
	<u>Wednesday, October 26, 2022</u> – Technical Sessions (morning)

Please visit our website and join the FWDUG mailing list at:

www.fwdug.org

CALL FOR PRESENTATIONS

Informal presentations are solicited on all topics related to Falling Weight Deflectometer and Rolling Wheel/Travelling Speed Deflectometer use, lightweight deflectometer use, integrated data collection with other technology including GPS, ground penetrating radar, and video imaging, data analysis, back-calculation, equipment calibration and maintenance, and personnel training. If you have information to share, please send in this offer form along with a brief synopsis of your presentation (1 paragraph maximum).

30 minutes is allowed on the program for each presentation. The atmosphere is informal, and questions frequently come from the audience. This year, a moderator will be assisting to help with Q&A from the audience.

Below are some suggested possibilities for a presentation offer:

FWD OPERATION/CALIBRATION/MAINTENANCE

1. Maximizing FWD field crew safety, traffic protection methods, testing sequences, etc.
2. Most common FWD break-down problems with older FWD models – solutions, support groups involving manufacturers and users, available upgrades (software/hardware)
3. FWD calibration issues with: software, equipment, sending the reference load cell for calibration, scheduling, etc.

FWD BACKCALCULATION/DATA ANALYSIS

1. FWD data analysis and backcalculation methods
2. Backcalculation sensitivity analyses
3. Analysis of FWD data for analysis using the AASHTOWare Pavement Design ME Software
4. Experience in using the HWD/FWD for airport pavement structural capacity assessment
5. FWD use for subgrade and pavement layer modulus determination during construction
6. Use of FWD for “unusual” applications, rail, building floor slab evaluation, etc.
7. Data analysis tools, case studies
8. FWD data interpolation in pavement rehabilitation and reconstruction
9. Long Term Pavement Structure Performance based on FWD data
10. Complementary technology to support FWD based analyses (GPR, DCP, etc.)
11. Analysis of pavements for heavy and superheavy vehicles

FWD EQUIPMENT UPDATES/CASE STUDIES

1. Non-contact deflection measurement at high speeds (accuracy, data analysis and use)
2. Light Weight Deflectometer – case studies, use of LWD for permeable pavement construction, etc.
3. FWD and RWD case studies, research projects and new developments
4. FWD progress with GPR/DCP integration and data processing.

Do not be limited to the list above. Let us know if you have a presentation that you think would be of interest or you would like to lead or participate in a panel discussion on a particular subject.



CALL FOR PRESENTATIONS

Meeting participants are invited to submit synopses on these topics and related subjects as soon as possible. **All relevant presentations are welcome.** For your convenience, a form is enclosed which you can use to transmit to the conference organizers. Feel free to contact Stan Smith at stans@bditest.com or 1-303-330-4164 if you would like to discuss a possible presentation.

WHERE TO SEND YOUR OFFER

Please send this form, along with a reproducible synopsis summarizing your presentations to Stan Smith. Copies of your synopsis will be distributed to all meeting participants. In addition, please send a short biography (~25 words) for the moderator to use to introduce you.

WHEN TO SEND YOUR OFFER

DO IT NOW!! Offers will be accepted as long as there is space on the program. In recent years the meeting agenda has been full, so submit your abstract as soon as possible. The cutoff date for this year is **FRIDAY, SEPTEMBER 30TH**, but the agenda may fill up before then.

Title of Your Presentation _____

Name _____

Firm/Agency _____

Telephone Number _____ E-mail _____

Send this form together with your synopsis and short biography to:

Stan Smith, BDI
stans@bditest.com



LODGING INFORMATION

MEETING LOCATION

The meeting will be held at the University of Nevada, Reno located at 1664 N Virginia St., Reno, NV 89557.

HOTEL INFORMATION

The conference hotel has yet to be determined. A separate announcement will be emailed to the members as soon as a space has been booked.

TRANSPORTATION

The university is located about 6 miles from the Reno-Tahoe International Airport. Taxi fare from the airport to the university is approximately \$20 one way.

MEETING REGISTRATION

HOW TO REGISTER

You can register on-line for the meeting by going to www.fwdug.org and following the link to the event registration webpage.

By creating an account and registering online, you will have the ability to receive electronic confirmation of your registration payment and you will be able to print a copy of your payment receipt directly from the event registration webpage.

All participants must register online by **October 24, 2022**. We will not be taking payments or walk-in registrations at the door.

REGISTRATION COSTS

Early Bird Registration Fee (Register by September 30th): \$250 Registration includes PDFs of all the presentations, a welcoming reception on Monday evening; continental breakfast, lunch, and breaks on Tuesday, a dinner on Tuesday evening; and continental breakfast and morning break on Wednesday. If you have a **guest** who wants to attend the welcoming reception (\$40.00), or dinner event (\$75.00) please be sure to include these options in your registration as payment must be received in advance.

Registration Fee after September 30th: \$300

Vendor Registration Fee: \$1,500 If you wish to exhibit near the reception and conference area, a booth space will be provided. This fee will include full registration for you and one additional person for the conference.

Sponsorship Opportunities There are several sponsorship opportunities available that may be combined with your registration for the conference. Sponsorship provides the opportunity to actively promote the services of your firm.

Silver \$500	Gold \$1,000	Platinum \$1,450
<ol style="list-style-type: none"> 1. Identified in meeting packet & power point loop at meeting 2. Logo posted on FWDUG website 	<ol style="list-style-type: none"> 1. Identified in meeting packet & power point loop at meeting 2. Logo posted on FWDUG webpage 3. Sign prominently displayed at meeting 4. One free registration 	<ol style="list-style-type: none"> 1. Identified in meeting packet & power point loop at meeting 2. Logo posted on FWDUG webpage 3. Sign prominently displayed at meeting 4. Sign indicating sponsorship of the dinner event 5. Two free registrations

FWDUG BOARD OF DIRECTORS

CONTACT INFORMATION

Please feel free to contact any of the board members if you have questions about this year's meeting or the registration process.

Stan Smith
stans@bditest.com
(303) 330-4164

Russell Dabbs
rdabbs@ashtoresource.org
(240) 436-4835

Sonny Kim
kims@uga.edu
(706) 542-9804

Jessica Schmalzer
jschmalzer@dot.nv.gov
(775) 888-7253

Phillip Donovan
pdonovan@ara.com
(805) 648-2230

Hyung Lee
hlee@ara.com
(217) 356-4500 Ext. 505

Lorina Popescu
Lorina.popescu@sanjoseca.gov

Richard Ji
Richard.ji@faa.gov
(609) 485-8433

David Orr
Dpo3@cornell.edu
(607) 255-8465