

FWDUG

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2020 VIRTUAL MEETING ANNOUNCEMENT



The board of directors of the FWD Users Group is pleased to announce the 29th Annual FWDUG Meeting. This year’s meeting will take place on October 6-7, 2020 online and will be hosted by AASHTO re:source.

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:	<p><i>Tuesday, October 6, 2020</i> – Technical Sessions (11:00am to 3:30pm) and a virtual evening networking event. All meeting times are Eastern Time.</p> <p><i>Wednesday, October 7, 2020</i> – Technical Sessions (11:00am to 3:30pm). All meeting times are Eastern Time.</p>
	<ul style="list-style-type: none"> • Technical Presentations will be distributed over a 4 ½-hour period on Tuesday and Wednesday, accounting for different time zones. • We will not be conducting the general business meeting during this virtual meeting. • The annual board elections will be postponed to a future date or the next in-person meeting. • Presentation sessions will last one hour with breaks and exhibitor breakouts between the presentations. • Attendees will be required to register for the meeting in order to obtain their meeting access credentials; this will be done as part of a registration process similar to the normal lead-up to a conference.

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).

Typically, 25 to 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 25TH**, 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



MEETING REGISTRATION

HOW TO REGISTER

Registration will be available beginning September 11th. You can register on-line for the meeting by going to: www.fwdug.org.

From there, you can follow the links to the online registration website. By 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 webpage.

Prior to the meeting, all registered participants will be emailed individualized Zoom meeting invites to participate in this year's meeting. Separate invites will be sent for the virtual networking event on Tuesday evening to those who choose the event option during the registration process.

REGISTRATION COSTS

Registration Fee: \$25 Registration includes all fees, PDFs of all the presentations and access to the virtual networking event Tuesday evening.

Registration Deadline: All participants must register by **October 2, 2020** in order to receive their meeting access credentials.

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

