

**FWDUG**

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## 2019 MEETING ANNOUNCEMENT



The board of directors of the FWD Users Group is pleased to announce the 28<sup>th</sup> Annual Meeting. It will take place on September 8-10, 2019 in Alpharetta, Georgia. It is sponsored by the Georgia Department of Transportation and the University of Georgia.



College of Engineering  
UNIVERSITY OF GEORGIA

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>Sunday September 8, 2019</i> – Calibration Center Operator’s Meeting (2 to 5 pm), and Pre-conference Reception (evening). Operator Meeting and Reception held at the Residence Inn Hotel, North Point Mall.</p> <p><i>Monday September 9, 2019</i> – Technical Sessions (8 am to 5 pm) and evening dinner and event. Meeting held at Dynatest North America.</p> <p><i>Tuesday September 10, 2019</i> – Technical Sessions (8 am to noon). Meeting held at Dynatest North America.</p>
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Please visit our website and join the FWDUG mailing list at:

[www.fwdug.org](http://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. Laptop and projection equipment will be provided for PowerPoint presentations.

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.** 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 [stan.smith@olsonengineering.com](mailto:stan.smith@olsonengineering.com) or 1-303-423-1212 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, JULY 12<sup>TH</sup>**, 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, Olson Instruments

[Stan.smith@olsonengineering.com](mailto:Stan.smith@olsonengineering.com)

# LODGING INFORMATION

## MEETING LOCATION

The meeting will be held at the Residence Inn North Point Mall and at the Dynatest North America production facility in Alpharetta, Georgia.

## HOTEL INFORMATION

The conference hotel will be the Residence Inn North Point Mall, 1325 North Point Drive Alpharetta, Georgia 30022. The hotel is located approximately 30 miles north of the Atlanta Airport (ATL).

Standard Rooms are \$131 (standard) plus tax. This rate is available from September 8<sup>th</sup> to the 10<sup>th</sup>. The hotel room cutoff date is **August 8, 2019**. After this date, there is no guarantee that you will receive the conference rate.

Each guest must make his or her own reservation by clicking on: [Book your group rate for Falling Weight Deflectometer](#) or by calling 770-587-1151 before August 8, 2019. They must identify themselves as a member of the FWDUG to secure the \$131/night rate.

The hotel website can be found at:

<https://www.marriott.com/hotels/travel/atlnp-residence-inn-atlanta-alpharetta-north-point-mall/>

If you have an issues making a reservation or have any special needs, please contact David Hein at [dhein@ara.com](mailto:dhein@ara.com)

## TRANSPORTATION

The hotel is located 35 miles north of the Atlanta Airport. Taxi fare from the airport to the Residence Inn is approximately \$70 one way. Public transportation is also available by train/bus.

## MEETING REGISTRATION

### HOW TO REGISTER

Register on-line for the meeting by going to: [www.fwdug.org](http://www.fwdug.org).

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. Alternatively, may also fill out the form on the next page and send the information as outlined on the form.

### REGISTRATION COSTS

Meetings costs are described below as well as on the meeting registration website. Additional processing fees may apply for all online registrations.

**Early Bird Registration Fee (Register by August 8<sup>th</sup>): \$375** Registration includes all fees, PDFs of all of the presentations, a welcoming reception on Sunday evening; continental breakfast, lunch, and breaks on Monday, a dinner on Monday evening; and continental breakfast and morning break on Tuesday. If you have a **guest** who wants to attend the welcoming reception (\$40.00) or dinner event (\$75.00) payment must be received in advance. The Monday evening event this year will be held at Top Golf which is within walking distance of the hotel. Transportation is also available from the Residence Inn.

**Registration Fee after August 8<sup>th</sup>: \$450.**

**Vendor Registration Fee: \$1,500** If you wish to exhibit near the reception and conference area, a booth space will be provided. Indoor spaces are six feet long with a table and electric service. This 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 annual conference. This provides the opportunity to actively promote the services of your firm.

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

## MANUAL MEETING REGISTRATION FORM

*(THIS FORM IS ONLY NECESSARY FOR THOSE WHO DO NOT WISH TO REGISTER ONLINE)*

Return this form by **August 12<sup>th</sup>** to:  
 Jessica Schmalzer, NDOT Materials Division, Email: [jschmalzer@dot.nv.gov](mailto:jschmalzer@dot.nv.gov)  
 1263 South Stewart Street, Carson City, Nevada 89712, Fax Number (775) 888-7501  
***Make all checks PAYABLE TO THE FWD USERS GROUP***  
*The Federal Tax ID # for this event is 27-3992261. Please include your payment for a guest (if any) for the welcoming reception and/or the dinner event with your registration. Personal checks are accepted.*

**NAME:** \_\_\_\_\_

**AGENCY:** \_\_\_\_\_

**ADDRESS:** \_\_\_\_\_

**CITY:** \_\_\_\_\_ **STATE/PROV:** \_\_\_\_\_ **ZIP/POSTAL:** \_\_\_\_\_

**TELEPHONE NUMBER:** \_\_\_\_\_ **FAX NUMBER:** \_\_\_\_\_

**E-MAIL ADDRESS:** \_\_\_\_\_

**Early Registration Fee: \$375** Fee includes the meeting notes, a welcoming reception on Sunday evening, continental breakfast and morning breaks, lunch breaks and the Monday dinner and event. If you have a **guest** who wants to attend the welcoming reception (\$40) or dinner (\$75), payment must be received in advance.

**Late Registration Fee (After August 8<sup>th</sup>): \$450**

Will you and/or your guest(s) be attending the Sunday reception?      **NO**    **YES**    Number \_\_\_\_\_

Will you and/or your guest(s) be attending the Monday evening event? **NO**    **YES**    Number \_\_\_\_\_

**Vendor Registration Fee: \$1,500:** If you wish to exhibit near the reception and conference area, a booth space will be provided. Indoor spaces are six feet long with a table and electric service. This 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 annual conference. This provides the opportunity to actively promote the services of your firm.

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