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e-Letter

February 2018

THE OFFICIAL PUBLICATION OF THE PILE DRIVING CONTRACTORS ASSOCIATION

PILEDRIVER

"A Driven Pile… Is a Tested Pile!"

IN THIS EDITION

Education – Conferences, Seminars, Courses and Workshops

- Deep Foundations Dynamic Testing and Analysis Course
- International Foundations Congress and Equipment Expo 2018

PDCA News

- PDCA Completes 2018 Strategic Plan
- Join a PDCA Committee
- PDCA to Attend GeoCoalition Meeting

Member News

- Darin Goodwin and Heather Audet Join GZA as Senior Project Managers

Chapter News

- PDCA of South Carolina Chapter
- PDCA of the Northeast Chapter
- PDCA of the Gulf Coast Chapter

It's time to flip the page in the 2018 PDCA Calendar to February.

Thanks to the February page sponsor, Meever USA.

MEEVER USA PILING PRODUCTS

EDUCATION – CONFERENCES, SEMINARS, COURSES AND WORKSHOPS

Deep Foundations Dynamic Testing and Analysis Course

PDCA, in collaboration with Pile Dynamics, Inc., will present a one-day seminar and two-day workshop on April 11-13, 2018, at the DoubleTree by Hilton Orlando Airport in sunny Orlando, Fla. A special room rate of $149 per night is available up to the cut-off date of March 16, 2018. Room reservations can be made online by clicking here, or by calling the DoubleTree at 1-800-222-8733.

The one-day seminar will be on Deep Foundation Integrity Testing and Wave Equation Analysis and the two-day workshop will be on High Strain Dynamic Foundation Testing. PDCA will also offer the Dynamic Measurement and Analysis Proficiency Test, a 90-minute, multiple-choice exam that will cover the theory of wave mechanics, case method (PDA) equations, data quality assessment, data interpretation and basic CAPWAP analysis.

One-day seminar
The one-day seminar is designed for geotechnical, structural and construction engineers, owners, contractors and other professionals involved in the design, construction and specification of deep foundations. This seminar is suitable for those new to the field of foundation testing and analysis, and includes an overview of non-destructive testing methods (integrity and load testing) and their applications. It is suitable also for those specifying the testing in order to gain a basic understanding for assessing the results presented in the test reports – and for those needing an understanding of wave equation analysis methods.

Those attending the two-day workshop that follows this seminar are strongly encouraged to attend this review of wave equation background materials.

The learning objectives of the seminar are to have the participants able to select an appropriate method of integrity assessment of deep foundations for a particular application, review reports of integrity and dynamic load testing of deep foundations conducted by others and run a basic wave equation analysis of pile driving.

Two-day workshop
The two-day workshop is designed for users of the Pile Driving Analyzer® (PDA) system and CAPWAP® software who are interested in sharpening their skills: engineers, foundation testing professionals, students and professors already familiar with the basic concepts of deep foundation dynamic testing and analysis; professionals who desire to have a basic understanding of the dynamic test results being presented to them; and those interested in taking the Dynamic Measurement and Analysis Proficiency Test.

The learning objectives of the workshop are to have the participants operate the PDA in a manner conducive to acquiring good quality data; assess pile bearing capacity, pile driving stresses, hammer performance and pile integrity by various methods; avoid pitfalls when analyzing PDA data with the CAPWAP software; interpret PDA testing and CAPWAP software results; describe the soil-model used in CAPWAP; prepare the input for CAPWAP; review options for CAPWAP analysis and output; and calculate bearing capacity and its distribution for driven piles from impact records.

Digital/hard copy of the presentation
All training material will be available digitally for download prior to the event. It is suggested that attendees download this material and bring it with them, or print the training material and bring their own hard copy.

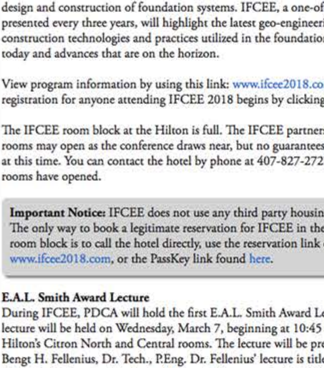
A colored, three-slide-per-page printout may be requested from PDCA up to two weeks prior to the seminar ($100 charge will apply). Please contact PDCA at debbie@piledrivers.org if you want PDCA to provide the hard copy.

Attendees are encouraged to use their own laptops for the GRLWEAP and CAPWAP® sessions; charging stations will be available.

To download the course brochure, click here.

The seminar, workshop or proficiency test may be taken independently, all together or a combination of the course offerings. To register online, click here. To register by phone, call the PDCA office at 904-215-4771.

International Foundations Congress and Equipment Expo 2018



Now just one month away with more than 1,500 registrants, the International Foundations Congress and Equipment Expo (IFCEE) 2018 is primed to be the best and well-attended technical and equipment conference dedicated to the design and construction of foundation systems. IFCEE, a one-of-a-kind event presented every three years, will highlight the latest geo-engineering and geo-construction technologies and practices utilized in the foundation industry today and advances that are on the horizon.

View program information by using this link: www.ifcee2018.com. Online registration for anyone attending IFCEE 2018 begins by clicking here.

The IFCEE room block at the Hilton is full. The IFCEE partners believe rooms may open as the conference draws near, but no guarantees can be made at this time. You can contact the hotel by phone at 407-827-2727 to see if rooms have opened.

> **Important Notice:** IFCEE does not use any third party housing partners. The only way to book a legitimate reservation for IFCEE in the conference room block is to call the hotel directly, use the reservation link on www.ifcee2018.com, or the PassKey link found here.

E.A.L. Smith Award Lecture
During IFCEE, PDCA will hold the first E.A.L. Smith Award Lecture. The lecture will be held on Wednesday, March 7, beginning at 10:45 a.m. in the Hilton's Citron North and Central rooms. The lecture will be presented by Dr. Bengt H. Fellenius, Dr. Tech., P.Eng. Dr. Fellenius' lecture is titled, "Static and Dynamic Testing and Analysis of Piles – A Retrospective." This is a presentation that is important to PDCA and one you do not want to miss. Please support PDCA's E.A.L. Smith Award Lecture and Dr. Fellenius, the inaugural lecturer at IFCEE.

PDCA Committee Meetings
All PDCA Committees will meet during IFCEE 2018. PDCA encourages you to attend one or several Committee meetings during the IFCEE 2018 conference. All PDCA Committee meetings are open to anyone interested in attending, and are a great way to see what the committees focus will be as we head into 2018. By attending, you may find a committee that interests you or hear something that may be beneficial to you or your business. The PDCA committee meetings schedule is as follows:

Tuesday, March 6
- 10:30 a.m. – 12 p.m.
  - PDCA Contracts and Risk Committee
  - PDCA Chapters Committee
- 1 p.m. – 3 p.m.
  - PDCA Technical Committee
- 3 p.m. – 4:30 p.m.
  - PDCA Safety and Environmental Committee

Wednesday, March 7
- 3 p.m. – 4:30 p.m.
  - PDCA Membership Committee
- 3:30 p.m. – 5 p.m.
  - PDCA Steel Sheet Pile Committee

Thursday, March 8
- 1 p.m. – 3 p.m.
  - PDCA Education Committee
- 3 p.m. – 4:30 p.m.
  - PDCA Communications Committee

Saturday, March 10
- 8 a.m. – 10 a.m.
  - PDCA Associate Member Council

For more information, contact the PDCA office at 888-311-PDCA (7322) or news@piledrivers.org.

Go to top of newsletter

PDCA NEWS

PDCA Completes 2018 Strategic Plan

The PDCA Board of Directors met from January 10-12, 2018, to establish the PDCA 2018 Strategic Plan. The goals for 2018 are as follows:

Goal 1: Strategic Focus Plan. Communicate the benefits of driven pile (as a viable and economical deep foundation solution and support of excavation systems).

Objectives for accomplishing this goal are to develop one- to two-hour "Lunch and Learn" PowerPoint presentations for young engineers on the benefits of driven pile; disseminate engineers Steel Pile Short course to all PDCA Chapters for presentation as a one-day seminar; finalize the Engineers' Driven Pile Institute; and create an archive of FAQ from "Ask PDCA."

Goal 2: Strategic Focus Plan. Raise awareness of the need to renew infrastructure.
Objectives for accomplishing this goal are to partner with other organizations to promote lobbying efforts; be a professional advisor to Craft Training Programs; and solicit support from members of the GeoCoalition.

Goal 3: Strategic Focus Plan. Membership.
Objectives for accomplishing this goal are to review and refill PDCA Committee slots and support recommencement of the Florida, Texas and Mid-Atlantic chapters.

Each member of the PDCA Board of Directors will be personally involved in the goals and objectives of the strategic plan. Any PDCA member who wants to be involved in any of the objectives as defined above should contact the PDCA office at 904-215-4771.

Join a PDCA Committee

If you want to get more involved in PDCA, joining a Committee is a great way to start.

All PDCA members are encouraged to volunteer to serve on a PDCA committee(s). It is a great way to support your association, get involved in your industry, conduct peer to peer discussions, and form new relationships with like-minded individuals. Any individual of a PDCA member company can volunteer to serve on one or more of the following committees:

- Communications
- Education
- Membership
- Technical Safety/Environmental
- Associate Member Council
- Contracts and Risk
- Steel Sheet Pile
- Chapters
- Market Development

For more information about these committees or to volunteer to serve, contact the PDCA office at 888-311-PDCA (7322), 904-215-4771 or via email, steve@piledrivers.org, or contact the Committee Chair.

PDCA to Attend GeoCoalition Meeting

President Larry Moore, Vice President Scott Callaway and Executive Director Stevan A. Hall will represent PDCA at the upcoming June 2018 GeoCoalition meeting. This year's meeting will be in Park City, UT, hosted by the Geoprofessional Business Association (GBA).

Associations represented at the table will be the PDCA, ADSC, Geo-Institute of ASCE, DFI, AEG, USUCGER, and CGS. The purpose of getting all of these similar associations together under one roof is to discuss how we can work together on issues of mutual concern.

PDCA hosted a very successful meeting last year in Ponte Vedra, Fla. The GBA is working on an equally impressive agenda and PDCA has already provided topics for discussion amongst the GeoCoalition members.

Go to top of newsletter

MEMBER NEWS

Darin Goodwin and Heather Audet Join GZA as Senior Project Managers

GZA announced that Darin Goodwin, MPH, CHMM, RBP has joined the company as a Senior Project Manager.

In his role with GZA, Goodwin will be responsible for providing a broad range of Industrial Hygiene and Occupational Safety assistance to GZA clients across a wide range of client sectors. He will provide expertise in the following regulatory program areas: H&S Policies, Programs, Procedures development; Incident Reporting, Root Cause Analysis; OSHA Compliance, Safety Audits, Inspections and reporting; Due Diligence, Risk Reduction; H&S Training (General Industry & Construction); Industrial Hygiene, Exposure Monitoring and reporting; Medical Surveillance; General Safety, Physical Hazard Controls; Indoor Air Quality, Mold; Building Hazard Evaluation; Construction Safety; Emergency Preparedness and Response; Confined Space Entry; HAZWOPER, hazardous materials management.

Prior to joining GZA, Goodwin served as the Environmental Safety Program Manager and Emergency Preparation Coordinator at the Miriam Hospital, Lifespan in East Providence, R.I. His experience includes working as a Laboratory Safety Support Officer and Biosafety Officer at Tufts University. His experience also includes Biosafety, Radiation Safety, Chemical Safety, Laboratory Safety, Training, Industrial Hygiene, Safety Plans, Regulatory Compliance and Operations.

A resident of Norton, Mass., Goodwin earned a Bachelor of Science degree in Physics from Bridgewater State University and a Master of Public Health degree from Boston University. He is a Certified Hazardous Material Manager and Registered Biosafety Professional. He is a former co-chair for Massachusetts Biotechnology Council; Safety, Environment and Facilities Committee.

GZA also announced that Heather Audet, P.E. has joined the company as a Senior Project Manager.

Audet brings close to 20 years of experience in geotechnical engineering and heavy underground design. Her recent experience includes working as an Assistant Project Manager for the Black River Tunnel in Lorain, Ohio and Project Manager for the Riverbed St. Pump Station in Cleveland, Ohio. In her new position with GZA, Audet will focus on public transportation projects.

A Licensed Professional Engineer in Maryland, Ohio, Pennsylvania and Massachusetts, Audet earned a Bachelor of Science degree in Ocean Engineering and a Master of Science degree in Civil Engineering from the Florida Institute of Technology. She is a member of the American Society of Civil Engineers and Women in Transportation.

A resident of Norwood, Mass., Audet recently relocated from Cleveland, Ohio. She enjoys outdoor activities including skiing, golfing, kayaking and bicycling.

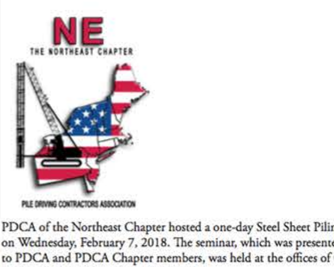
Go to top of newsletter

CHAPTER NEWS

PDCA of the South Carolina Chapter

PDCA of the South Carolina Chapter recently held their Annual Oyster Roast on Friday, January 19. The event was back at Palmetto Pile Driving and attended by more than 150 individuals, including PDCA members, guests and their families.

As always, on the menu were some great S.C. steamed oysters, which were perfect for the chilly winter evening. Along with the oysters, attendees were treated to hot dogs, chicken and rice, chili and an assortment of beverages.



Future dinner meetings will be held on May 5, August 7, and November 6 at the Town & Country Inn and Suites, Savannah Hwy., Charleston, S.C. Watch the PDCA website, www.piledrivers.org for updated information. The Chapter will also conduct their biennial "Driven Pile Technical" seminar on March 29, 2018. Again, watch the PDCA website for detailed information.

PDCA of the Northeast Chapter

PDCA of the Northeast Chapter hosted a one-day Steel Sheet Piling seminar on Wednesday, February 7, 2018. The seminar, which was presented at no cost to PDCA and PDCA Chapter members, was held at the offices of George Harms Construction Co, in Howell, N.J.

The course covered manufacturing, detailed design procedures, methods and equipment for installation, assessment of installation and drivability, proper supervision and inspection of installation and case studies.

This program, and others developed by the PDCA is portable meaning other chapters can take the course curriculum outline, PPP, and other course material and present the course to their members using PDCA instructors or instructors of the Chapter's choosing.

PDCA of the Gulf Coast Chapter

PDCA of the Gulf Coast Chapter recently held their first quarter dinner meeting on Thursday, January 25. The meeting was held at Messina's Restaurant, Kenner, La. The meeting was one of the largest attended meetings in the Chapter's history. The meeting's guest speaker was Ric Anderson, Business Development Manager – Southeast, Skyline Steel Company, who presented on Steel Sheet Piling Cofferdam Design – From a Contractors Perspective.

Future dinner meetings will be held on April 26, in Baton Rouge, La.; August 16 in Biloxi, Miss.; and back at Messina's on November 15.

Go to top of newsletter

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