

PDCA and Pile Dynamics Present: Deep Foundation Dynamic Testing Analysis Seminar and Workshop

By Jessica Fasanella, Pile Driving Contractors Association

This year's fall seminar and workshop was held Sept. 17 to 19, 2014 in Cleveland, Ohio at the Pile Dynamics, Inc. headquarters. This course is unique because it is comprised of three different segments, allowing attendees the freedom to register for just one segment or any combination of segments that suit their individual needs. Thirty-six individuals from companies and universities around the world, ranging from Florida to Canada to Ireland, were in attendance for this course. Each participant received a Certificate of Completion and had the opportunity to earn up to 19 professional development hours towards their continuing education.

Day 1 commenced with the Seminar on Deep Foundation Integrity Testing and Wave Equation Analysis, where attendees learned how 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. All 27 attendees earned six PDHs for their participation.

Days 2 and 3 accomplished many objectives, including how to operate the PDA to acquire good quality data, avoid pitfalls when analyzing, interpret PDA testing and CAPWAP® software results, calculate bearing capacity and its distribution for driven piles from impact records, SiteLink® remote testing, iCAP® and CAPWAP® software, just to name a few. Attendees earned 13 PDHs for their participation.

This year's course concluded with 22 individuals taking the dynamic measurement and analysis proficiency test. The test covers the theory of wave mechanics, case method (PDA) equations, data quality assessment, data interpretation and basic CAPWAP®



Participants at this year's workshop and seminar in Cleveland, Ohio at Pile Dynamics, Inc.'s headquarters

Courtesy of Jessica Fasanella

analysis. Participants are given 90 minutes to complete the exam and receive their scores in two to three weeks.

PDCA will be hosting another Deep Foundation Dynamic Testing and Analysis Seminar and Workshop in Calgary, Alta., Feb. 25-17, 2015. See page ## in this issue of PileDriver for details about the Calgary event.

For more information on this course and other future courses, please check the PDCA website, www.piledrivers.org. ▼

