



Pile Dynamics, Inc.

# Seminar on High Strain Dynamic Testing: Basic Principles, Data Analysis and Effective Application

May 14, 2024

Sheraton Grand London Park Lane

Piccadilly, London W1J 7BX

Seminar: 8:00am - 5:00pm

Sheraton Grand is 0.7 mi (1.1 km) from Piccadilly Circus and 0.9 mi (1.5 km) from Leicester Square.



**Pile Dynamics, Inc. is offering a one-day seminar on High Strain Dynamic Testing. This seminar is intended for foundation engineering professionals that are interested in understanding the basic principles, appropriate use and interpretations of dynamic testing.**

A light breakfast, lunch and instruction materials will be provided. Registration is \$125 USD per person, and first come, first served.

## Seminar Agenda

- **Session I:** Development of Dynamic Testing and Correlations to Static Load Tests
  - Early research and measurements
  - Correlations with static load tests
  - Maintaining and tools for recognizing quality of testing
- **Session II:** Use of Dynamic Load Testing on Drilled Foundations
  - Early uses of dynamic testing on drilled foundations
  - Expanded interpretations for testing drilled foundations
  - Use of embedded measurements to refine capacity prediction
- **Session III:** Critical Considerations & Interpretations
  - Interpretation of dynamic testing and static load testing
  - Failure path during testing
  - Creep effects
  - Rate effects
- **Session IV:** Future Applications and Development
  - Capacity estimation for large diameter open end pipe piles
  - Capacity estimation from vibratory driving

This seminar offers 6.5 PDHs and is tailored to designers, specifiers, owners, structural engineers, geotechnical engineers, risk managers, or anyone involved in deep foundation projects that would like a better understanding of the proper use and interpretations of high strain dynamic testing methods.

Onsite Valet Parking Available: GBP 50/day

Seminar Fee: \$125 USD, Additional registrations from same company = \$75 USD



Presenter: Ryan Allin, P.E.

Ryan is a senior engineer and Vice President at Pile Dynamics, Inc. He is responsible for all PDI's educational programs for foundation testing professionals. In that capacity he has lectured on numerous seminars, webinars and workshops on foundation testing and has co-authored papers on the subject.

**REGISTER TODAY!**