



Webinar on Pile Driving Hammer Performance

Who should attend:

Geotechnical, structural and construction engineers; contractors, hammer and/or pile manufacturers and/or distributors; pile researchers and students interested in an introduction to hammer performance measurements and the wave equation analysis approach.

Certificate of Participation

This program corresponds to 1.5 Professional Development Hours. A Certificate of Participation documenting the number of hours of instruction (PDH) will be provided to those that take a short quiz at the end of the webinar. Check with your engineering board of registration for their continuing education requirements.

When: Tuesday, December 10, 2019

This session will begin at 9:00 am Eastern Time (New York Time) and typically last 1.5 hours. Sessions may last up to a maximum of 2 hours depending on the number of questions from participants. Questions from participants have to be submitted during the webinar in written form (use chat-box or email) and will either be discussed during the seminar or in personal communication depending on the general interest of the question.

You will have the opportunity to learn from Dr. Frank Rausche without having to leave your desk.

Lecturer: Dr. Frank Rausche, is a principal of Pile Dynamics, Inc. He has been involved in the research and development of dynamic testing and analysis methods since the mid-1960s, first as a researcher at Case Western Reserve University, where he derived the Case Method equations for dynamic pile testing and developed the CAPWAP® and GRLWEAP software, and later as a consultant.

Learning Objectives:

At the conclusion of the webinar attendees will be able to:

- Describe three different types of pile driving hammers and their operation
- List at least three different types of hammer performance monitoring methods
- Develop models for common hammer types in a wave equation analysis
- Assign hammer efficiency values to different hammer types based on the performance measurements.

Syllabus

- Hammer types
- Lead types
- Hammer working principles
- Driving system components
- Measuring hammer performance
- Energy considerations and hammer efficiency
- Examples of measured and calculated hammer-pile-soil performance

Registration Information:

Cost: \$150.00 per connection. Space is limited. Pre-payment by credit card is required. To register, please email completed registration form (next page) to Registration@pile.com.



Webinar on Pile Driving Hammer Performance Registration Form (Please email form to Registration@pile.com)

1 session of at least 1.5-2 hours long on December 10, 2019 at 9:00 AM Eastern Time (New York Time)

Registration must be received on or before December 9, 2019

One registration is necessary for each "site", which requires internet access of one computer plus a telephone connection. The registered site will be furnished with a user name and password plus conference call information. Site fee includes an unlimited number of participants and four Certificates of Participation. Additional certificates are \$10 each.

BILLING ADDRESS - (PLEASE PRINT or TYPE)

Organization: _____
Address: _____
City: _____ State/Province: _____
Postal Code: _____ Country: _____
Phone: _____ Fax: _____
Email: (who will be receiving webinar log in instructions) _____

SHIPPING ADDRESS (for certificate of participation) Check if same as Billing Address []

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Pre-Payment by credit card is required. Site Registration for 1 Pile Driving Hammer Performance Webinar: \$150.00

Number of Additional Certificates at \$10 Each _____ Total \$ _____ (4 certificates included in fee)

I am pre-paying by: [] VISA [] MasterCard [] American Express [] Discover

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Refund Policy: Cancellations are accepted only before the start of the first session of the Webinar; paid fee will be applied in full to a future Webinar.

Name of Participant(s), (Must be registered and complete quiz to receive Certificate of Participation).

- 1. _____ 3. _____
2. _____ 4. _____