



SEMINAR: Advanced Solutions for Drilled Foundations

12TH MAY 2026

[Engineering Institute of Thailand \(EIT\)](#)

Pile Dynamics, Inc. and Piling Solutions are collaborating with the Engineering Institute of Thailand on a half day, complimentary seminar. This event introduces innovations in excavation profile measurement and in drilled foundation integrity using thermal methods.

Abstract: Well documented deep foundation elements reduce the risk of inadequate structural or geotechnical behavior, and can allow more efficient use of an element's strength. Inspecting the dry or fluid supported excavation can be achieved with LIDAR or ultrasonics. These measurements test excavation verticality and profile changes in its geometry. Once the concrete is poured, thermal measurements are employed to characterize the consistency, or an effective geometry of the element. Thermal integrity profiling uses embedded thermal sensors with cloud enabled data loggers to communicate data from the field to engineers reviewing the measurements off site. Remote management of integrity testing reduces the risk of having personnel onsite, as well as the time, cost, and resources to get there. Interpreted results can be provided in a matter of hours or days after concrete placement.



Agenda (refreshments included):

- 1:00 pm Bored Pile Excavation Inspection Using Ultrasonics or LIDAR (SHAPE®)
- 2:45 pm Break
- 3:00 pm Thermal Integrity Profiling Using Cloud Connected Devices and ATLAS™ Cloud Services
- 5:00 pm Adjourn

**This half day seminar is complimentary.
Advanced registration is required.**

Please register your attendance by sending your details (**Name, Organization Name, Office Address, and Email Address**) to richard@empasiapacific.com (EMP Piletec) or plally@gmail.com (EIT).

REGISTRATION REQUIRED.



Venue

Engineering Institute of Thailand
487 Soi Ramkhamhaeng 39,
Phlabphla, Wang Thonglang, Bangkok
10310, Thailand

[View location on a map](#)

Nearest Hotel

SC Park Hotel
474 Praditmanutham Rd.,
Wang Thonglang, Bangkok 10310,
Thailand

The EIT building is not located near a metro station. The closest station is Phra Ram.9

Instructors/Presenters:



Brent Robinson,
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Pile Dynamics, Inc.

Event Organizer: Piling Solutions
Sdu Bhd

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