



## ANNOUNCEMENT

### AGS (HK) Technical Seminar

#### Recent Advances in Cast in Place Pile Integrity Testing

by

**Brent Robinson (Pile Dynamics, Inc.)**

**Date** : 27 October 2022

**Time** : 18:30 – 19:30 (Hong Kong Time)

**Venue** : The webinar will be conducted through Zoom.

Successful applicants will be informed by emails with a Zoom's link to the webinar. Participants should arrange for their own device with a stable network environment to join the webinar.

**Enquiry** : Haydn Chan (email: [haydn.chan@arup.com](mailto:haydn.chan@arup.com))

**Fee** : Free of charge

**Registration** : <https://forms.gle/ufiHe3LuRCpjdLiY9>

Please register by 24<sup>th</sup> October 2022. Successful applicants will receive webinar details on 25<sup>th</sup> October 2022. CPD certificate will be sent to the attendees after the webinar.

**Book Prize** : The youth professionals under 35 years old are encouraged to submit their reports (max. 500 words) in quality on this event. Please refer to the AGS HK's website "The AGS Book Prize Reports–Assessment Framework" for details before the submission. The successful candidate will be awarded with the Book Prize that comprises of a book "Geology of Site Investigation Boreholes in Hong Kong" that written by Chris Fletcher, and a gift certificate HK\$500 from eslite spectrum (誠品生活). The awarded report will further be uploaded to the website of AGSHK. Please send your report to Mr. Haydn Chan through the email: [haydn.chan@arup.com](mailto:haydn.chan@arup.com).



香港岩土及岩土環境工程專業協會  
ASSOCIATION OF GEOTECHNICAL &  
GEOENVIRONMENTAL SPECIALISTS (HONG KONG)

Contact: Ir Clayton CHAN, E-mail: [Clayton.Chan@aecom.com](mailto:Clayton.Chan@aecom.com)  
Website: [www.ags-hk.org](http://www.ags-hk.org)

---

### **Synopsis:**

Testing the structural integrity of concrete cast in a drilled excavation is currently tested by pulse echo, cross hole sonic logging or thermal methods. Recent updates to the cross hole sonic logging method have helped to minimize time spent on site collecting data. Similarly, a white paper organized by the Deep Foundations Institute and authored by a group of practitioners, test equipment manufacturers and contractors has reconsidered ways to interpret and act on the test results. These advances will be described in case histories from several job sites.

### **About the Speaker:**

**Dr. Brent Robinson** is the Vice President of Research and Development of Pile Dynamics, Inc. (PDI). He joined PDI in 1999 as a research engineer. In addition to his R&D activities in high and low strain foundation testing, Brent has tested and analyzed the foundations of multiple bridges, stadiums, offshore oil platforms and other structures, and frequently trains new users of equipment manufactured by PDI. Brent holds a BS in Civil Engineering from Case Western Reserve University, and a MS and PhD in Civil Engineering from North Carolina State University. Brent is a member of the American Society of Civil Engineers and of its Geo-Institute, and serves on committees of the Transportation Research Board and the International Association of Foundation Drillers. He is the author of multiple peer reviewed papers and FHWA publications. Brent has achieved Expert level on the PDCA/PDI Dynamic Measurement and Analysis Proficiency Test.