

Present

Quality Control/Quality Assurance of
Deep Foundations
One-Day Workshop



4 June 2018 | ROME, ITALY

Centro Congressi Frentani | Via dei Frentani, 4 | 00185 | Roma | Taurini Room

Who Should Attend?

This one-day seminar is suitable for those in the field of deep foundation testing and analysis, and includes an overview of recent advances in non-destructive testing methods (load testing and integrity testing) of deep foundations. It is also suitable for: consultants, owners, contractors and governmental officials who specify testing of deep foundations

Geotechnical, structural and construction engineers

Student and professors involved in the design, construction and specification of deep foundations

Learning Outcomes

At the end of the one-day seminar, attendees should be able to:	Understand basic concepts of various field testing applications including static tests, dynamic tests and other NDT methods (e.g. crosshole sonic logging, low strain integrity testing, thermal integrity profiling, calipers, and other inspection devices)
	Learn the advantages and limitations of various integrity and capacity methods and choose the appropriate methods for analysis.
	Understand basic concepts of PDA testing and advancements in dynamic load testing of cast-in-situ piles.

A Certificate of Participation documenting the number of hours of instruction (PDH) will be provided. Check with your engineering board of registration for their continuing education requirements.

Agenda

Day One - QA/QC for Deep Foundations

08.00	Registration
08.30	Overview - Why we test QA/QC of Deep Foundations (pre- or during installation) Pile Installation Recorder SQUID - testing of bottom cleanliness SHAPE – electronic calipers
09.00	QA/QC of Deep Foundations (post installation) Pile Integrity Tester (PIT) Crosshole Sonic Logger (CSL) & PDI-TOMO Thermal Integrity Profiler (TIP) TIP Examples & TIP Reporter
11.00	Load Testing of Deep Foundations- Brief Discussion Economics of Testing
12.00	Lunch
01.00	High Strain Dynamic Testing
02.30	PDA Testing of Bored and CFA Piles - Brief Discussion
03.00	Break
03.15	Importance of Testing through Case Studies
03.45	Experience of Testing in Italy - TIP and PDA (in Italian)
05.00	Adjourn

Workshop and Seminar Lecturers



Anna Sellountou, PhD, P.E. received her five-year Civil Engineering Degree from The National Technical University of Athens, Greece in 1999, and her PhD from the University of Houston in 2004, under the supervision of Professor M.W. O'Neill, one of the world's leading experts in Deep Foundations. She began her career at Fugro in Houston, TX, where she worked on diverse domestic and international projects, including numerous LNGs and Bridges. In 2012, she joined Pile Dynamics, Inc, where she was involved with R&D and product development. Since late 2016, Anna has supported PDI's technical and business-related activities throughout Europe, Middle East and Africa from her base office in Greece. Anna serves in various committees in DFI, ACI, PDCA, ASTM where she is highly involved with specifications and codes revision activities.



Ing. Fabio Mattiauda, received his five-year Mechanical Engineering Degree from Politecnico of Turin, Italy in 2000. He began his career at the Politecnico of Turin where he was involved in the Biomedical European Project "Orthocap". In 2001 he moved at Sorin Biomedica (Saluggia, Italy) where he was involved with the R&D Department of Implantable Devices Division. In the following years, he became Project Manager and then Quality Control Manager of the same Division. In 2009, he joined Engineering Controls (Cuneo, Italy) as Laboratory Director and his activity was focused especially on Non-Destructive Tests on civil structures. Since 2017 he joined DRC (Ancona, Italy) as Sales Manager.

Hotel Reservations: Attendees should make their own hotel reservations.

For more information, please contact info@drcitalia.net

Registration Deadline May 30, 2018

Registration

Limited number of participants. Please complete the below registration and return via email to info@drcitalia.net by **Wednesday, May 30, 2018**.

Registration Form

Name	
Name 2: (2nd person/same org)	
Organization	
Address	
City	
State/Province	
Postal Code	
Country	
Phone	

Email

Registration Fees (includes course notes, breakfast, AM/PM breaks and lunch):	Cost
Quality Control of Deep Foundations Workshop	€100,00
2nd Person from same company discount (10%)	€90,00
Academia, Government or Public Office Personnel discount (25%)	€75,00
University Student (50%)	€50,00
Amount: Program Total (VAT will be added to the total in Italy)	€

Payment Information

Total Number of Registrants

Payment Method

Name (on credit card)

Credit Card Number

Exp. Date