

2–Days Event

Basics of Design of Piled Foundations & Low Strain Integrity Testing of Piles Course and Seminar

Date : 22-23 October 2015
Place : The Green Park Hotel Bostancı, İstanbul
Organiser: GEOgrup İnşaat A.Ş.

We are pleased to invite you to our forthcoming courses for “Low Strain Integrity Testing of Piles” and “Basics of Design of Piled Foundations” that will take place in Green Park Hotel Bostancı, İstanbul, Turkey.

First Day (22nd October 2015): Basics of Design of Piled Foundations

Course fee (VAT is not included): 600 Euro per participant

500 Euro per participant for early registration (until 31st August)

Presenter: Bengt H. Fellenius, Dr.Tech., P.Eng., Australia

The course comprises four main lectures leading up to and presenting the essentials of the Unified Method of deep foundations design for capacity, drag force, settlement, and downdrag for single piles, pile groups, and piled foundations, which emphasizes analysis and design for settlement. The presentations are illustrated with case histories of testing and design analysis. Conventional head-down and bidirectional static loading test methods are detailed, including how to evaluate strain-gage measurements from instrumented pile loading tests and how to assess residual load. Settlement analysis is of vital importance to the design of piled foundations, and the course addresses principles of settlement analysis and how to calculate settlement of piles and piled foundations—single piles as well as pile groups. Pertinent aspects of construction procedures and Load and Resistance Factor Design (LRFD) are discussed.

Second Day (23rd October 2015): Low Strain Integrity Testing of Piles

Course fee (VAT is not included): 300 Euro per participant

200 Euro per participant for early registration (until 31st August)

Presenter: Dr. Joram M. Amir, C.E., D.GE., Chairman of Piletest.com Ltd., Israel

This seminar is part of our ongoing efforts to keep our users informed and up to date on pile testing technologies. Now that such a seminar will take place near you, why not take the opportunity and register? This will be a great opportunity for you to hone your pile testing skills, learn new trade secrets, meet colleagues from other firms, discuss your pile testing problems and share your achievements with other attendees.

Agenda:

First Day (22nd October 2015):

Basics of Design of Piled Foundations

Bengt H. Fellenius, Dr.Tech., P.Eng.

- Analysis of Load Transfer, Capacity, and Response to Load
- The Static Loading Test: Performance, Analysis, and Instrumentation
- Piles and Pile Groups — Long-Term Behavior and how we know what we know
- The Unified Design Method

Second Day (23rd October 2015):

Low Strain Integrity Testing of Piles

Dr. Joram M. Amir, C.E., D.GE., Chairman of Piletest.com Ltd.

- Types of deep foundations
- Defects in deep foundations
- Pile integrity testing: direct methods, acoustic methods: long-wave, short-wave
- Theory of 1-D wave propagation
- PET (Pile Echo Tester) system operation
- PET results analysis and interpretation
- Theory of 3-D wave propagation
- CHUM (Cross Hole Ultrasonic Monitor) operation
- Special techniques: single-hole, tomography (2D and 3D)
- CHUM results analysis and interpretation
- Anomalies, flaws and defects
- Special tests (PSI, BIT)



Conditions

- The course and seminar will be in English.
- The total number of participants is limited to thirty (30).
- Registration will be accepted in the order in which they are received. Participants who require a visa are suggested to register early. In some cases the process of obtaining a visa may take up to two months. To register for the course, please complete the registration form and send it to the course organiser.
- Directly after registration participants will receive a letter of confirmation, travel suggestions and additional information.
- Course fees include lecture notes, two coffee breaks and lunch.
- Cancellation of course registration with refund of the 25% of course fee will be accepted by the organizers in writing, if it is received no later than 6 weeks before the start of the course. No refund can be given for cancellation after that date or in case of no-show.
- In case the course is cancelled by the organiser the fees for the course will be fully refunded.

REGISTRATION FORM

I would like to register the following courses/seminars marked on the list below:

	Course fee for early registration (until 31 st August)	Course fee after 31 st August
Basics of Design of Piled Foundations	500 €	600 €
Low Strain Integrity Testing of Piles	200 €	300 €
TOTAL	700 €	900 €

Surname : (Male / Female)

Name :

Company / Institution :

Address :

Telephone :

Fax :

E-mail :

Date:/...../.....

Signature

I will pay by;

- Bank transfer
- Credit card

Card Holder's Name-Surname :

Credit Card No :

Expiry Date :

CVC Code :

Bank :

Credit Card : Master Card

Visa

American Express

Please fill the registration form and send it to info@geogrup.com.tr via e-mail.