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PAYMENT DETAILS

Cash RM _____

Cheque no. _____ for the amount of RM _____
 (non-refundable) and made payable to "THE INSTITUTION OF ENGINEERS, MALAYSIA"
 and crossed 'A/C Payee Only'.

Terms & Conditions:

- For ONLINE REGISTRATIONS, only ONLINE PAYMENT is applicable [via Credit Card]
- Payment via CASH / CHEQUE / BANK-IN TRANSMISSION / BANK DRAFT / MONEY ORDER / POSTAL ORDER / LO / WALK -IN will be considered as NORMAL REGISTRATION
- For online registrations, please note that **payment MUST be made before the closing date** at the latest.
- If payment is not received and verified within the stipulated time, the registration fee will be reverted to the normal registration fee.
- **FULL PAYMENT** must be settled before commencement of the course, otherwise participants will not be allowed to enter the hall. If a place is reserved and the intended participants fail to attend the course, the fee is to be settled in full. If the participant failed to attend the course, the fee paid is non refundable. Registration fee includes lecture notes, refreshment and lunches.
- The Organizing Committee reserves the right to cancel, alter, or change the program due to unforeseen circumstances. Every effort will be made to inform the registered participants of any changes. In view of the limited places available, intending participants are advised to send their registrations as early as possible so as to avoid disappointment.



ONE DAY SHORT COURSE ON BASICS OF DESIGN OF PILED FOUNDATION

By
Dr. Bengt H. Fellenius

14 June 2013 (Friday)
9.00 am – 6.00 pm

**Hotel Singgahsana, Persiaran Barat,
Off Jalan Sultan, Petaling Jaya**

REGISTRATION FEES

Grade	Normal Fee	Online Fee
IEM Student Member	RM 110.00	RM 100.00
IEM Graduate Member	RM 110.00	RM 100.00
IEM Corporate Member	RM 375.00	RM 350.00
Non IEM Member	RM 550.00	RM 500.00

Closing Date: 11 JUNE 2013

BEM Approved CPD/PDP Hours: 7
Ref. No.: IEM13/HQ/104/C

Organised by

**Geotechnical Engineering Technical Division,
The Institution of Engineers, Malaysia**

**Important Note: IEM
members are required to
produce their membership
cards for CPD scanning at
the start and end of the
seminar.**

SYNOPSIS

The primary intent of the course is to demonstrate that deep foundation design is a good deal more than finding some value of capacity. The course aims to show what data one must pull together and present processes of analysis and calculations necessary for a design of a specific project. Aspects of negative skin friction and associated drag load and downdrag are emphasized. The presentation includes both broad generalities and in-depth details. Aspects of where to install instrumentation, perform a test, and analyze the test data are addressed. Settlement analysis is of vital importance to the design of piled foundations, and the course addresses principles of settlement analysis and provides some of the mechanics of calculating settlement. A few aspects are included of construction aspects as well as of Limit States Design, LSD (Ultimate Limit States, ULS, and Serviceability Limit States, SLS, by Canadian terminology and Load and Resistance Factor Design, LRFD, by US terminology).

BIODATA OF SPEAKER

Dr. Bengt H. Fellenius, formerly Professor of Civil Engineering at the University of Ottawa, is an internationally recognized foundation engineering consultant and the author of more than 300 technical papers. His professional experience comes from a wide variety of assignments that encompass foundation design for industrial plants, water and sewage treatment facilities, bridges and highway projects, marine structures, and urban area development, as well as participation in special investigations, instrumented field tests, etc. Dr. Fellenius has given lectures and courses to several universities and international conferences throughout America, Europe, and South-East Asia. He currently lives in Sidney, BC, Canada.

PROGRAMME

800am	-	900am	Registration
900am	-	905am	Opening Speech
905am	-	1030am	Brief Background to Basic Principles Applicable to Piled Foundation
1030am	-	1045am	Tea Break
1045am	-	1230nn	Analysis of Load Transfer, Capacity, and Response to Load
12.30nn	-	200pm	Lunch
200pm	-	345pm	The Static Loading Test: Performance, Analysis, and Instrumentation
345pm	400pm		Tea break
400pm	445pm		Piles and Pile Groups — Long-Term Behavior and how we know what we know; The Unified Design Method
445pm	600pm		Question and Discussion
600pm			Closure