

## REGISTRATION FORM

### ONE DAY SHORT COURSE ON DESIGN OF PILED FOUNDATIONS

Wednesday, 5<sup>th</sup> September 2018

Fax: 03-7957 7678 Email: [sitiaisyah@iem.org.my](mailto:sitiaisyah@iem.org.my) Website: [www.myiem.org.my](http://www.myiem.org.my)

Name of Organisation: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

E-mail: \_\_\_\_\_

Mobile: \_\_\_\_\_ Tel(O): \_\_\_\_\_ Fax: \_\_\_\_\_

Contact Person: \_\_\_\_\_ Designation: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

I / We\* wish to enrol the following person(s) for the above-mentioned Course. Details are as follows:

Name(s)	Membership No. & Grade	Fees (RM)
Sub Total:		
Add GST @ 6%:		
Total Amount Payable:		

### PAYMENT DETAILS

Enclosed herewith:

Cash (RM \_\_\_\_\_)

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

I/We\* understand that the fee is not refundable if I/We withdraw after my/our\* application is/are\* accepted by the Organising Committee but substitution of participant will be allowed. If I/We\* fail to attend the Course, I/We will still pay the registration.

#### 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 Organising 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.

#### Cancellation Policy

IEM reserves the right to postpone, reschedule, relocate or cancel the Course. Cancellation of registration will not be entertained; however, replacement or substitute can be made at least 3 days prior to the event date (additional fees may be applied if grade of member is different from the initially registered grade).



Organised by:  
Geotechnical Engineering Technical Division,  
The Institution of Engineers, Malaysia

# ONE DAY SHORT COURSE ON DESIGN OF PILED FOUNDATIONS

Date/Day: 5<sup>th</sup> September 2018, Wednesday

Time: 8.30am – 6.30pm

Presenter:

**Professor Mark Randolph**

Venue:

**Pulse Grande Hotel, Putrajaya**

#### REGISTRATION FEE:

Grade	Normal Fee (by fax & email) Payment by cash, credit card and bank-in	Online IEM Registration with Payment Fee (Log-in for registration & payment: <a href="http://www.myiem.org.my/member/login.aspx">www.myiem.org.my/member/login.aspx</a> )
IEM Student Member	RM 250.00	RM 200.00
IEM Member	RM 400.00	RM 350.00
Non-IEM Member	RM 800.00	RM 700.00

**(Closing Date: 31<sup>st</sup> August 2018)**

BEM Approved CPD/PDP: 7.5 Hours

Ref. No.: IEM18/HQ/229/C

**2 Coffee Breaks and  
1 Buffet Lunch will be  
served in a 5-Star Hotel!**

## SYNOPSIS

The course will comprise lectures and software applications, focusing on modern approaches to the design of single piles, pile groups and piled rafts under the action of vertical and horizontal loading. The target outcomes for participants include:

- Appreciation of influence of pile construction techniques on pile performance
- Awareness of the role of pile testing in design
- Ability to derive design parameters for piles from intrinsic soil properties and site investigation data
- Awareness of the effects of cyclic shearing, including that occurring during installation, on the capacity of piles
- Awareness of time effects on pile capacity
- Familiarity with calculation approaches used to quantify the in-service response of single piles and pile groups
- Appreciation of interaction effects and complete system response in design of pile groups and piled rafts

## BIODATA OF SPEAKERS

Mark Randolph is Professor of Civil Engineering in the Centre for Offshore Foundation Systems at the University of Western Australia. He obtained his Bachelor Degree in Engineering Science from Oxford University in 1973, Master from the same university in 1978 and his PhD from Cambridge University also in 1978. His two main research interests are piled foundations and offshore geotechnics, co-authoring books in each area: Piling Engineering, now in its third edition, and Offshore Geotechnical Engineering. He has published over 250 journal articles, providing novel solutions to practical problems. He is also the author of various pieces of software for analysis and design of piles and pile groups. Professor Randolph interacts closely with industry, both in research and through his role as Technical Advisor within Fugro AG. He is a Fellow of several learned academies, including the Royal Society and the Australian Academy of Science, and in 2013 was elected Scientist of the Year in Western Australia. In 2015 he received an honorary doctorate from ETH Zurich



## PROGRAMME

8:30am	-	8:50am	Registration
8:50am	-	9:00am	Opening Address
9:00am	-	9:30am	Lecture 1: Overview – design principles including the role of pile testing in design
9:30am	-	10:30am	Lecture 2: Axial capacity - derivation of design parameters from site investigation data, effects of pile construction techniques and time on pile capacity
10:30am	-	11:00am	Coffee/Tea Break
11:00am	-	11:40am	Lecture 3: Axial Load – settlement response including effects of cyclic loading.
11:45am	-	12:30pm	Lecture 4: Laterally loaded piles
12:30pm	-	1:45pm	Lunch
1:45pm	-	2:35pm	Lecture 5: Interaction effects and complete system response in design of pile groups
2:40pm	-	3:30pm	Lecture 6: Design of piled rafts and case histories
3:30pm	-	4:00pm	Coffee/Tea Break
4:00pm	-	5:30pm	Lecture 7: Computer-based calculation methods for in-service response of single piles and pile groups
5:30pm	-	6:30pm	Questions & Discussions
6:30pm			Closure