REGISTRATION FORM

ONE DAY SEMINAR ON GEOTECHNICAL ENGINEERING

Tuesday, 18th December 2018

Fax: 03-7957 7678 Email: sitiaisyah@iem.org.my;

Website: 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:	
	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).

The Institution of Engineers, Malaysia

Jointly Organised by:

Geotechnical Engineering Technical Division (GETD) and Young Engineers Section (YES), The Institution of Engineers, Malaysia

ONE DAY SEMINAR ON GEOTECHNICAL ENGINEERING

Date/Day: 18th December 2018, Tuesday

Time: 8:30 am to 6:30 pm

Venue: Malakoff Auditorium, Ground Floor, Wisma IEM

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: www.myiem.org.my/member/login.aspx)
IEM Student Member	RM 250.00	RM200.00
IEM Member	RM325.00	RM275.00
Non-IEM Member	RM650.00	RM550.00

(Closing Date: 12th December 2018)

BEM Approved CPD / PDP: Applying

Ref. No.: Applying

INTRODUCTION

Geotechnical engineering always is an important element in civil engineering works. With proper understanding in geotechnical engineering, an engineer will be able to provide practical and safe design on geotechnical elements such as foundation, slope stability, deep excavation etc. Therefore, this seminar is aimed to provide a platform to the members especially **YOUNG ENGINEERS** to have better understanding on the geotechnical engineering (from planning to design and to construction).

BIODATA OF THE SPEAKERS

Ir. Liew Shaw Shong obtained his Bachelor of Science Degree in Civil Engineering with First Class Honours from National Taiwan University at Taipei in 1991 and worked as a geotechnical engineer in Sino Geotechnology Inc. at Taipei for a year. In 1992, he continued his post-graduate study in University of New South Wales in Sydney, Australia and obtained his Master of Engineering Science in 1993. He then returned to Malaysia to work as geotechnical engineer in a multi-discipline engineering consultant firm. During the six years of working, he has exposed himself to numbers of major infrastructure projects, likes Lebuhraya Damansara Puchong, Tanjung Pelepas Port, Kuala Lumpur International Airport, etc. In 1999, he jointly established a geotechnical specialist consulting firm with another two partners to continue the consultancy practice till now. He is now the senior director and founder of G&P Geotechnics Sdn Bhd. In the past twenty five years of his professional career, he has involved in numbers of forensic investigations of landslide problems at mountainous roads. Ir. Liew was the past chairman of Geotechnical Engineering Technical Division of the Institution of Engineers, Malaysia (IEM) for Session 2010 to 2013 and the advisor of Geotechnical Engineering Technical Division of the Institution of Engineers, Malaysia (IEM) for Session 2014 to 2015. He is also presently the deputy president of Malaysia Geotechnical Society.

Ir Dr Low Tian Huat graduated from the University of Malaya in Civil Engineering in 1994, Ir. Dr. Low Tian Huat joined the research team in University Malaya to carry out research on Unsaturated Tropical Residual Soil under the PLUS-IPT research Grant. Subsequently, Ir Dr Low pursued his post graduate study and obtained his Master Degree in 2001 and PHD in 2011 from University Malaya. While his pursuing his Post Graduate studies, he worked as geotechnical engineers in consultant firms. Ir Dr Low was also providing part time lectures on Geotechnical subjects i.e., foundation engineering, ground improvement, soil mechanics in University Malaya from 2002 to 2008. Currently, Ir Dr Low has been working in Mohd Asbi Associates Sdn Bhd since 2002 and he was appointed as partner of the firm. He has published more than 50 papers in journals and proceedings for local and international conferences.

Ir. Dr. Chan Swee Huat is a registered Professional Engineer with the Board of Engineers, Malaysia since 2005. He graduated with a 1st Class Honors Degree in Civil & Structural Engineering from the Universiti Kebangsaan Malaysia in 1997. He obtained his Ph.D degree from the National University of Singapore in 2003. He worked as a Geotechnical Engineer in SSP Geotechnics Sdn. Bhd. for about 5 years before he joined Dr C.T. Toh Consultant as a Resident Engineer for about 2 years. He also lectured in the University of Nottingham Malaysia Campus for about 8 years. He is currently a director of Geo-Excel Consultants Sdn. Bhd., a geotechnical engineering consulting firm in Malaysia. For the past 15 years, Ir. Dr. Chan Swee Huat has involved himself in design and construction of various geotechnical works including shallow & deep foundations, deep excavations & earth retaining structures, slope stability analyses & stabilization, soil improvement techniques, geotechnical failure investigations, 3-D finite element analyses, etc. He also served as an independent expert witness in several lawsuit and arbitration cases in Malaysia. He is currently a Committee Member of the Geotechnical Engineering Technical Division in The Institution of Engineers, Malaysia and the Honorary Treasurer of Malaysian Geotechnical Society.

Ir. Lee Peir Tien obtained his Bachelor of Engineering (Civil) from University of Technology, Malaysia in 2001. He started his career with G&P Geotechnics, a consulting firm specialising in Geotechnical Engineering. He is currently one of the Directors in G&P Geotechnics. He has published more than a dozen technical papers on geotechnical engineering in international and local conferences. He has involved in major infrastructure projects in Malaysia such as Northern Double Track, KVMRT Line 1, East Coast Rail Link (ECRL), KL – Singapore High Speed Rail (HSR), Southern Double Track, etc. He is the Chairman for Geotechnical Engineering Technical Division (GETD) of IEM. He also serves as Committee Member in Malaysian Geotechnical Society (MGS) since 2016.

Ir EG Balakrishnan is a Director of GCU Consultants Sdn Bhd, a specialist geotechnical consultancy firm. He graduated from University Malaya with honours degree in Civil Engineering in 1985. He has worked in both consulting and construction firms covering the general disciplines of civil engineering before pursuing a Master Programme in Geotechnical Engineering at Asian Institute of Technology, Bangkok from 1992 to 1994. He started GCU Consultants Sdn Bhd in 1998. Since then, he has been involved in large civil engineering projects providing geotechnical consultancy services. His scope covered all ranges of geotechnical engineering comprising foundation, ground treatments, slopes, walls & retention systems for highways, railways, deep excavation, reclamation, high rise buildings, ports, oil & gas and large civil infrastructure projects. Some of the major completed projects include Express Rail Link, Guthrie Expressway, Electrified Double Track Projects, New Pantai Expressway, Besraya Expressway, Pengerang Oil Terminal, MRT 1&2, and West Coast Expressway. He is also a committee member of the Geotechnical Engineering Technical Division of Institution of Engineers, Malaysia (IEM).

Mr Teh Kim Ong obtained B. Eng. from Universiti Teknology Malaysia and gold medal award from IEM in 1992. In the subsequent five years, he involved in the design and supervision of geotechnical and civil engineering works in Minconsult S/B and Case Consultant S/B. Since 1997, he focused on dynamic pile testing. In 2000, he obtained Master Level of Certification in PDA Testing from Foundation QA, Australia. In 2013, he obtained Master Level of Certificate of Proficiency issued by PDI-PDCA, USA. He undertook research projects form JKR which produced four research reports on the applications of dynamic pile load testing. The subjects covered are driveability study, capacity variation over time, guidelines for installation & QAQC of driven piles, and specifications of high strain dynamic pile testing. Since establishing T Testing Engineers in 2007, he offers services in wave equation analysis and dynamic pile testing.

TENTATIVE PROGRAMME

TIME	DAY 1
08:30am – 09:00am	**Registration**
09:00am – 10:00am	Subsurface Investigation, Monitoring and Interpretation of the Test Results **by Ir Liew Shaw Shong**
10:00am – 10:30am	**Tea Break**
10:30am – 11:30am	Rock Slope Stability Assessment and Strengthening Measures by **Ir. Dr Low Tian Huat**
11:30am – 12:30pm	Design and Construction of Embedded Retaining Wall for Deep Excavation by **Ir. Dr Chan Swee Huat**
12:30pm – 12:45pm	Discussion
12:45pm – 1:45pm	**Lunch**
1:45pm – 2:45pm	Design and Construction of Embankments over Soft Clay by **Ir. Lee Peir Tien**
2:45pm – 3:45pm	Design and Construction of Pile Foundations by **Ir EG Balakrishnan**
3:45pm – 4:15pm	**Tea Break**
4:15pm – 5:15pm	High Strain Dynamic Pile Testing – Brief Fundamental and Case Studies by **Mr. Teh Kim Ong**
5:15pm – 5:45pm	Discussion, evaluation & closure Discussion & closure
	End of Course