

REGISTRATION FORM

Tel: 03-7931 5296 Fax: 03-7958 2851 Email: rufina@iem.org.my
Website: www.iemasb.com or www.myiem.org.my



*****IMPORTANT NOTICE***** All registration fees must be FULLY paid before commencement of the course. IEM Academy Sdn Bhd reserves the right to refuse entry for participant(s) who have not paid their registration fees to attend the course. THIS REQUIREMENT WILL BE STRICTLY ENFORCED.

No.	Name (s) in CAPITALS	IEM No.	P.Eng No.	Fee (RM)
1				
2				
3				
Total				

PAYMENT METHODS

- Banker's cheque made payable to "IEM ACADEMY SDN BHD"
- Bank Transfer (Please forward soft copy of payment advice)

Account Name : IEM ACADEMY SDN BHD
Account Number : 21403500139397
Bank Name : RHB Bank Berhad
Bank Address : No. 5, Jalan 52/18, PJ New Town, 46200 Petaling Jaya.
Swift Code : RHBBMYKL

Course Fee is GST Inclusive

Name of Organization:

Address:

Mobile No : Tel (0) :

Fax No: E-mail :

Contact Person : Designation :

(Please print clearly for confirmation of registration purposes)

**I/We understand that the fee is not refundable if I/we withdraw after my/our registration is accepted but substitution of participants will be allowed. If I/we fail to attend the course, the fee paid will not be refunded.

Signature : Date :

One Day Short Course on Tunnel Measuring Technology by Amberg

Jointly Organized by:
IEM WTC2020 Organizing Committee
Tunneling & Underground Space Technical Division (TUSTD)

Managed by:
IEM Academy Sdn Bhd

Date : 25th May 2018

Venue: Auditorium Tan Sri Prof. Chin Fung Kee,
Wisma IEM, Petaling Jaya, Selangor.

Time : 8.30 a.m. – 6.00 p.m.

COURSE FEES (GST INCLUSIVE)

IEM Members	RM318.00
Non-IEM Members	RM636.00

BEM APPROVED CPD/PDP: 6.5 HOURS

REF. NO.: IEM18/HQ/164/C

(Closing Date: 12th May 2018)

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

Course Schedule & Outline

08:30 09:00	-	Scan-in Registration
09:00 09:15	-	Welcome and Opening Address
09:15 10:15	-	Planning and design of Gotthard Base Tunnel in Switzerland: This session will cover various aspects of the 57 km long Gotthard Base Tunnel which has been in operation since Dec 2016. This includes alignment design, geo mechanical analysis. Design of tunnel cross section and tunnel lining, construction method, geological investigation as well as construction scheduling and financing.
10:15 10:45	-	Networking and Coffee Break
10:45 11:30	-	Tunnel measuring and instrumentation technology: This session will introduce tunnel measuring and instrumentation technology applied at the Gotthard Base Tunnel including tunnel convergence measurement, geotechnical instrumentation as well as contractual aspects etc.
11:30 12:15	-	Laser scanning as cutting-edge technology for tunnel application: Laser scanning as cutting-edge technology was specified in the tender document of the Gotthard Base tunnel in early 2000 for quality control of tunnel excavation and for tunnel as-built survey. This session highlights the application of this technology at the Gotthard Base Tunnel both in stationary mode and kinematic mode. Today such technology becomes an essential and integrated part of modern tunneling.
12:15 14:30	-	Networking and Lunch (Friday Prayers)
14:30 15:15	-	Overview of geophysical methods before and during tunneling in rock: The Session highlights various geophysical methods before and during tunneling in rock with more detailed introduction of technological development of Tunnel Seismic Prediction (TSP) as well as geological, operational and technological challenges to improve the prediction results.
15:15 16:00	-	Tunnel Seismic Prediction (TSP) application in selected projects: The session focuses on application of TSP in selected projects in Switzerland, Malaysia, China and Austria including TSP layout, geological prediction and verification after excavation. New development for TSP aside is also introduced.
16:00 16:15	-	Networking and Coffee Break
16:15 17:00	-	Slab track survey as one of key components of high speed rail technology: The session introduces different types of slab track technologies applied for high speed rail, and the construction survey concept based on absolute track geometry survey concept to ensure high quality of track alignment and operation safety.
17:00 18:00	-	Questions and Answers
18.00		Closure. Scan-out and Collection of Certificate of Attendance

About the Presenter



Dr. Shuan Xiao

Dr. Shuan Xiao

Dr. Shuan Xiao is currently Sales Manager of Amberg Technologies for South East Asia & Pacific Region. He obtained his Master of Engineering in 1988 at the Clausthal University of Technology, Germany, followed by a PhD in 1993. Prior to joining Amberg Technologies, he worked at Amberg Engineering as project manager and consultant on various major transportation and tunnel projects in Switzerland and in China including Gotthard Base Tunnel and Xuefengshan highway tunnel etc.

From 2004 to 2014, he led the sales and marketing activities of Amberg Technologies for all in-country operations in China including development of strategic partnerships, strategic planning, customer care etc.. He is involved in the business development and expansion of Amberg Technologies in China notably for tunnel and track survey systems.

From 2015, he takes over responsibility for South East Asia & Pacific including business development, key account management, strategic planning as well as distribution and channel management etc..

TERMS & CONDITIONS

- ✓ Payment via CASH / CHEQUE / BANK-IN TRANSMISSION / BANK DRAFT / MONEY ORDER / POSTAL ORDER / LO / WALK -IN will be considered as NORMAL REGISTRATION
- ✓ **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.