

# REGISTRATION FORM

**IEM ACADEMY SDN BHD (1016575-D)**

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## **4<sup>th</sup> Chiam Teong Tee Luncheon Memorial Lecture**

**The Past, Present & Future of Concrete  
Construction**

By

**RESCHEDULED  
DUE TO RMCO**

**Chat Tim TAM  
Honorary Fellow**

**Department of Civil & Environmental  
Engineering, National University of Singapore**

Organized and Managed by:  
**IEM Academy Sdn Bhd**

**Supported by  
Consulting Engineers Special Interest Group (CESIG)**

**Date: 6<sup>th</sup> March 2021, Saturday**

**Venue: Ballroom 3, Level 2,  
New World Petaling Jaya Hotel, Selangor.**

<http://petalingjaya.newworldhotels.com>

### **Single Ticket at Standard Table Fees:**

IEM Members	RM424.00
Non-IEM Members	RM848.00

**BEM APPROVED CPD HOURS: 3.0**

**Ref No: IEM19/HQ/548/L**

**(Closing Date: 28 Feb 2021)**

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

No.	Name (s) in CAPITALS	IEM No.	P.Eng No.	Fee (RM)
1				
2				
3				
4				
Total				

### **PAYMENT METHODS**

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Account Number : 21403500139397  
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Bank Address : No. 5, Jalan 52/18, PJ New Town, 46200 Petaling Jaya.  
Swift Code : RHBBMYKL

Name of  
Organization: .....  
Address:.....  
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Mobile No : ..... Tel (O) : .....

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 event, the fee paid will not be refunded.

Signature : ..... Date : .....

## SYNOPSIS

Concrete has always been the major construction material since the historical past, at present and will continue into the future. This presentation covers, the period from the first UK design code (CP 114, 1957) in UK to the current European design code (BS EN 1992, 2004) and their associated standards on concrete and its constituent materials.

The 10<sup>th</sup> Professor Chin Fung Kee Memorial Lecture in 2000 on "Concrete: From 2000 psi to 80 MPa and Beyond" was delivered before the adoption of Eurocodes. This new system is based on performance approach, in place of the prescriptive approach of the former UK system. Engineering education and practice have to meet the changes with updated knowledge to benefit from these advances in design, materials and construction.

The main emphasis is on changes in concrete with new types of cement, addition, admixture and the diminishing stock of aggregates. Replacing the traditional reliance of past experience with innovative approaches in concrete technology based on acceptance of rational performance criteria leads to progress in the construction industry.

The progressive advances over the past six decades provided personal experience have transferred through the teaching, research and development of new concrete concepts in concrete technology for the construction industry. There is also the urgent need to look into the future direction for concrete and the associated challenges ahead with the expected global warming to achieve higher levels of strength, consistence and durability for a sustainable concrete construction industry.

## TENTATIVE PROGRAMME

9.00am – 9.30am	Registration
9.30am – 10.15am	Opening Remarks by Ir. Dr Ooi Teik Aun
10.15am – 10.45am	Speeches
11.00am – 12.30pm	Lecture on "The Past, Present & Future of Concrete Construction" by Chat Tim TAM, <i>Honorary Fellow, Department of Civil and Environmental Engineering, National University of Singapore.</i>
12.30pm- 1.00pm	Q & A Session
1.00pm- 2.00pm	Networking Lunch

## ABOUT THE PRESENTER



Ir. Dr Tam has been involved with the study of concrete and its constituent materials for over 50 years after graduating in Civil Engineering in 1958. He began his academic career in 1963 at the Department of Civil Engineering of University of Malaya and since 1979, at the Department of Civil & Environmental Engineering, of National University of Singapore. Throughout this period, the transfer of findings and practices from the more established countries in temperate climatic regions to meet the required performance in tropical climate has provided the motivation and challenges in research and engineering practice.

Recognizing that the difference in ambient temperature between the two regions is a significant factor requiring consideration in the performance of concrete, the need to develop modifications to achieve similar performance and to introduce them through local standards and site practice has been his on-going career activities. An example is the introduction of layered casting method for thick raft foundations to minimize potential DEF and early thermal cracking in tropical climate.

Ir Dr Tam obtained BE (Hons) and ME from the University of Adelaide, South Australia and PhD from the University of Calgary, Canada. He is a registered P.Eng. in both Malaysia and Singapore, C.Eng. in UK, FIEM, FIES, FStructE, FACI, FCS and member of Technical Committees in ASTM, ACI and Enterprise Singapore for over 40 years, and the transition to Eurocodes in Singapore since 1 April, 2013. Past President of Singapore Concrete Institute, First Life Member (1997), and Life Time Achievement Award, (2009), Past President of ACI Singapore Chapter, and Distinguish Chapter Member (1999). Recipient of Gold Medal, SISIR, (1985), Distinguish Award, SAC, (2006), Distinguish Partner Award, SINGLAS, (2010), Special Recognition of Partners, (2016) SPRING, and CSM Excellent Award, Concrete Society of Malaysia, (2008). Effective from 1 July 2019 Ir. Dr Tam received Honorary Fellow appointment at NUS.

## 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 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.



## BOOKING FORM

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We wish to confirm as indicated below and enclose herewith our cheque no. \_\_\_\_\_ for the sum of MYR \_\_\_\_\_ (non-refundable) made payable to "IEM ACADEMY SDN BHD" as follows:

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<b>Contact Name:</b>				
<b>Organization:</b>				
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## ADVERTISEMENT

Tick (✓)	Location	Rate per Advertisement *	Amount
	DVD	MYR 2,120 <i>With 1 complimentary participant at Standard Table</i>	

**A4 size Advertisement artwork in pdf must be accompanied with payment.**

## TABLE SPONSORSHIP

No. of Tables	Sponsorship Package	Rate per Table* MYR	Amount
	<b>PREMIER TABLE</b>	8,480.00	
	<b>STANDARD TABLE</b>	4,240.00	

\* inclusive of SST at prevailing 6%.

### CANCELLATION POLICY

IEMASB reserves the right to postpone, reschedule, allocate or cancel the course. Full refund less is 30% if cancellation is received in writing more than 7 days before the start of the event. No cancellation will be accepted prior to the date of the event. However, replacement or substitute may be made at any time with prior notification and substitute will be charged according to membership status.