

# CONCET2022 POST-CONFERENCE SEMINAR

## ONE DAY **POST-CONFERENCE SEMINAR** ON “DISRUPTING THE NORM : EVOLVING CONCRETE DESIGN & APPLICATION FOR TURBULENT TIMES”

**Speakers :**

**Dr. Zack Lim Eng Hock**

**Mr Yeo Shih Horng**

**Mr Chin Su Hung**



## 08 DECEMBER 2022 (THURSDAY)

**TIME** : 9.00 A.M. – 6.00 PM  
**PLATFORM** : PHYSICAL & VIRTUAL (HYBRID)  
**VENUE** : MALAKOFF AUDITORIUM  
GROUND FLOOR, WISMA IEM  
P.JAYA, SELANGOR

**BEM CPD APPROVAL : CPD HOURS : 8.0**  
**IEM22 / HQ / 459 / S (H)**

**Closing Date: 28<sup>TH</sup> NOVEMBER 2022**

***NQ online registration will be allowed after the Closing Date***

**Organized & Hosted by:**  
**Civil and Structural Engineering Technical Division (CSETD), IEM**

**Cancellation Policy**

No cancellation will be accepted prior to the date of the event. However, replacement or substitute may be made at any time with 7 days prior notification and substitute will be charged according to membership status.

**Personal Data Protection Act**

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The construction industry is facing widespread turbulence such as labour shortages, poor quality workmanship, high price in building materials, inconsistent quality control and financial constraints have resulted projects failing to fulfil their contract. All these predicaments are causing difficult challenges, hardship, and instability to everyone in the industry. Conventional approaches are proving to be ineffective, thus reforming and changes are much needed to stay ahead of this turbulence.

With this in mind, new generation of concrete mix design and more sustainable and resilience construction methods are needed to be explored to regain functionality and bring relief to the construction industry.

### **Topics**

- Overcoming conventional concrete problems with out-of-the-box solutions.
- Resilience concrete mix design.
- Innovative high-performance material to save cost/extend life span.
- Disrupting the Norm : Evolving Concrete Design & Application for Turbulent Times

**SPEAKER 1**  
**Dr. LIM ENG HOCK (ZACK)**



**Dr. Zack Lim Eng Hock** earned his PHD in Civil Engineering at IIC University in 2018. He also earned his bachelor degree as a production engineer from The City University (London) in year 1981. He worked for 6 years in the construction industry before setting up his own company specialized in building factories and warehouses.

Having conducted over 50 seminars and workshops, he was certified as a Trainer by Human Resources Development Fund (HRDF) in July 2016. Dr. Zack introduced Superflat Floor in Malaysia in year 1998 by importing technology from Australia when he was awarded to build the Nestle Distribution Centre as a main contractor. In year 2000, Zacklim Flat Floor Specialist was incorporated to venture into specializing in the construction of super flat floors which Asia lacks and later having achieved building floors of world class standards.

Over 33 years in construction, he has amassed great experience and gained international recognition having constructed industrial flooring jobs in Asia. He has been actively involved in working with and advising young engineers, contractors & ready-mixed suppliers and extolling the virtues of best practices of concrete flooring construction. He was Immediate Past President of American Concrete Institute (ACI) Kuala Lumpur Chapter and had organized seminars, networking sessions to develop the standard of concrete construction and related trades not only in Malaysia but also in Asia.

He is the founding member of Concrete Floors Asia (CFA) consisting 11 international professional members with the objective of delivering best practices in floor construction and to promote worldclass standard floors in Asia. He is the Vice President of Concrete Society of Malaysia (CSM) and also a council member of Asian Concrete Construction Institute (ACCI) with objective to foster regional integration for the concrete and construction fraternity and to promote excellence in the industry through pooling of information, seminars, talks and technical visits and also to provide a communication channel for government of the region to solicit advice on construction related matters.

**SPEAKER 2**  
**Mr YEO SHIH HORNG**

**Mr Yeo Shih Horng** has a Master's Degree in Engineering Sciences from University of Malaya in 2013. He obtained his Bachelor's Degree in Engineering in 2009 from University of Malaya. Mr Yeo is the director of YSH Concrete Technology Sdn. Bhd. mainly specializing in designing high-performance concrete, high strength concrete and low heat concrete.

Mr Yeo had worked on numerous projects with various companies. Since 2015, Mr Yeo works as a concrete technical expert for TUV SUD PSB (Malaysia) Sdn. Bhd. In the year 2017, he worked closely with Dr. Lim Eng Hock from Zacklim Flat Floor Specialist Sdn. Bhd. on high early strength repair material for SMART Tunnel. In the same year, he had completed a project on high early strength and mass concrete mix design in Dalian, Liaoning, China. He also advised Coco Project, Singapore regarding Grade 75 high early strength concrete with low heat properties. Recently, he gave a technical presentation to Ready Mix Concrete (B) Sdn. Bhd. In Brunei.

Mr Yeo is also very active in associations and various activities. He is a committee member of the American Concrete Institute – Malaysia Chapter from 2010 till 2019. Furthermore, he is the committee member of the Civil and Structural Engineering Technical Division of The Institution of Engineers, Malaysia (IEM) from 2017 to 2019.



**SPEAKER 3**  
**Mr CHIN SU HUNG**



**Mr. Chin Su Hung** first encounters the successful use of fibers as reinforcement for concrete floors in 2012. He is now actively promoting fibers in applications for cement concrete and asphalt concrete. He holds a degree in mechanical engineering and has 15 years of construction experiences.

He provides professional talks on how replacing prefabricated steel mesh with synthetic fibres can reduce concrete shrinkage cracks on hardened concrete, improve impact strength and increase fatigue resistance and concrete toughness. He promotes heavy duty fibres which offer maximum long term durability with structural enhancements.

**08 DECEMBER 2022**

TIME	PROGRAMME	
8:30 am – 9:00 am	Registration of Participants & Welcome Breakfast Ground Floor, Malakoff Auditorium, Wisma IEM, Petaling Jaya, Selangor	
9:00 am – 9:05 am	Welcome Address & Opening Speech	CSETD
9:05 am – 10:15 am	Session 1 > Dr Zack Lim Eng Hock Topic : <i>Overcoming Conventional Concrete Problem with out-of-the-box Solutions</i>  a) Concrete and Construction Challenges b) Sustainable Construction System and Methods c) Avoid or Reducing Repairs 	
10:15 am – 10:45 am	Q & A – Session 1	
10:45 am – 11:00 am	Morning Break	
11:00 am – 12:30 pm	Session 2 Topics: <i>Resilience Concrete Mix Design</i> a) Types of Mix Design Covered by EN 206 b) Concrete Durability and Performance-based Design c) Specifying Economical and Eco-friendly Concrete Mix 	
12:30 pm – 13:00 pm	Q & A – Session 2	
13:00 pm – 14:00 pm	Lunch @ D'Place (Ground Floor)	
14:00 pm – 15:15 pm	Session 3 Topic : <i>Innovative High-performance Material to Save Cost/Extend Life Span</i> a) Altering the Behaviour of Concrete with Synthetic Fibres b) Reducing Concrete's Carbon Footprint with Synthetic Fibers c) How Synthetic Fibres are Currently Adopted in the Construction Industry. 	
15:15 pm 15:30 pm	Q & A – Session 3	
15:30 pm – 15:45 pm	Afternoon Break	
15:45 pm – 17:30 pm	Session 4 (ALL SPEAKERS) Topic : <i>Disrupting the Norm : Evolving Concrete Design and Application for Turbulent Times</i> a) The future of Eco-friendly Concrete b) High Performance Concrete and Constructions c) Discussion	
17:30 pm –18:30 pm	Q & A – Session 4 & Wrap Up Session	
18:30 pm	Closing Session End of CONCET2022 Day 4 – Post Conference Seminar	

**“IEM reserves the right to alter or cancel the programme due to unforeseen circumstances at its discretion”.  
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# OUR FEES

## CONCET 2022

### ONE DAY POST-CONFERENCE SEMINAR ON “DISRUPTING THE NORM : EVOLVING CONCRETE DESIGN & APPLICATION FOR TURBULENT TIMES”

**08<sup>TH</sup> DECEMBER 2022 (Thursday)**

Email: [shahrul@iem.org.my](mailto:shahrul@iem.org.my) / [parimala@iem.org.my](mailto:parimala@iem.org.my) / [suriani@iem.org.my](mailto:suriani@iem.org.my)

CATEGORIES	REGISTRATION FEES (PHYSICAL ATTENDANCE)	REGISTRATION FEES (VIRTUAL ATTENDANCE)
	ONLINE / NORMAL FEES (RM)	ONLINE / NORMAL FEES (RM)
IEM Student Member	200.00	160.00
IEM Graduate Member	300.00	240.00
IEM Corporate Member	450.00	360.00
Non-IEM Member (None of the Above)	850.00	680.00

No	Name(s)	Membership No.	Grade	Fee (RM)*
SUB TOTAL				
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TOTAL PAYABLE				

**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’.

**FULL PAYMENT must be settled before commencement of the seminar**, otherwise participants will not be allowed to enter the hall. If a place is reserved and the intended participant fails 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. The Registration Fee includes lecture notes, refreshments and lunch (whichever available).

For **ONLINE REGISTRATIONS**, please note that payment **MUST** be made **BEFORE the closing date**. If payment is not received within the stipulated time, the registration fee will be reverted to the normal registration fee.

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- **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.
- 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.

# ADVERTISEMENT BOOKING FORM (EVENT BOOKLET)

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**08<sup>TH</sup> DECEMBER 2022 (Thursday)**

Organised by :

**Civil and Structural Technical Division (CSETD)**, The Institution of Engineers, Malaysia  
No. 60/62, Jalan 52/4, P.O. Box 223 (Jalan Sultan), 46720 Petaling Jaya, Selangor  
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Chairman, Civil & Structural Engineering Technical Division (CSETD),

We would like to place an advertisement in the EVENT BOOKLET of the **ONE DAY POST-CONFERENCE SEMINAR (08 December 2022)** as indicated below and attach herewith a cheque no. .... for the sum of RM ..... made payable to “**THE INSTITUTION OF ENGINEERS, MALAYSIA**” being our booking fees:-

Tick (✓)	Location	Advertisement Rates	Complimentary SPONSOR Participant Seat	Promotion Table @ Wisma IEM Registration Foyer Only (
	Outside Back Page (Colour)	RM 6,000.00	3 seats	1 Table with 2 chairs
	Inside Front Page (Colour)	RM 4,500.00	2 seats	1 Table with 2 chairs
	Inside Back Page (Colour)	RM 4,500.00	2 seats	1 Table with 2 chairs
	Inside Run of Page (Colour)	RM 2,500.00	1 seat	Nil

**\*Advertisement Artwork must be accompanied with payment before printing.**

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✓ Account Number : 232-303-911-0
✓ Bank Name : UNITED OVERSEAS BANK (UOB)
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#### CONTACT INFORMATION:

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