



The Institution of Engineers, Malaysia

Bangunan Ingenieur, Lots 60/62, Jalan 52/4, Peti Surat 223, 46720 Petaling Jaya, Selangor Darul Ehsan
Tel: 03-79684001/2 Fax: 03-79577678 E-mail: sec@iem.org.my IEM Homepage: <http://www.myiem.org.my>

Evening Talk on The Understanding of Various Retaining Wall Techniques and Concepts for Deep Excavation

Organised by the Geotechnical Engineering Technical Division, IEM

Speaker: **Ir. Dr Chin Yaw Ming**

BEM Approved CPD/PDP Hours: 2 Ref No: IEM16/HQ/098/T

Date/Day: Thursday, 31st March 2015 Time: 5.30 pm – 7.30 pm
Venue: Tan Sri Ir. Chin Fung Kee Auditorium, 3rd Floor, Wisma IEM, Petaling Jaya, Selangor

SYNOPSIS

This evening talk lays out the considerations of design concepts and the construction techniques for the retaining wall of deep excavations. It covers both the gravity retaining walls and embedded walls.

- For gravity walls, the design concepts and various types of construction techniques are described.
- For the embedded wall, the design considerations such as soil-structure interactions (both vertical & horizontal planes), wall stability (redundancy), and earth pressure, drained or undrained conditions will be presented.

The construction techniques for embedded wall constructions are also explained. Also presented is a brief concept of the deep excavation system, as an introduction of this evening talk, to provide a perspective of the retaining wall techniques and concepts in the overall concept of deep excavation.

PROFILE OF SPEAKER

Ir. Dr Chin Yaw Ming is a geotechnical and foundation specialist with more than 22 years of comprehensive technical knowledge on geotechnical & foundation engineering, especially in deep excavation & heavy foundation, taking into consideration of equipment used.

He graduated from Curtin University of Technology, Perth, Western Australia with a Bachelor of Engineering, a Master of Engineering and a Doctor of Philosophy. He is currently a principal of a geotechnical consultancy firm, CYM Consult.

Ir. Yee Thien Seng

Chairman

Geotechnical Engineering Technical Division, IEM

ANNOUNCEMENTS TO NOTE

- Preferential admission to talk shall be accorded to IEM members (**pre-registration and online registration are NOT required**). **(telephone and/or fax reservation will NOT be entertained)**
- **Non members** may also attend the talk but will be charged a registration fee of **RM50** and a administrative fee of **RM15**.
- For affiliate members, there will be no registration fee. However, they are requested to produce their membership card as proof of membership. For the list of affiliates, please refer www.myiem.org.my/content/memorandum_of_understanding-469.aspx.
- Limited seats are available on a "first come first served" basis (maximum 110 participants).
- IEM members are required to produce their membership cards for confirmation of attendance (CPD purpose).
- Latecomers will not be allowed to enter if the lecture hall is full nor be entitled to CPD. **IEM members who fail to produce their membership cards will be charged a fee of RM25.00.**

FUNDS FOR IEM BUILDING FUND (WISMA IEM)

- Kindly be informed that IEM will be charging participants **RM15** as administrative fee for talk organized by IEM.
 - The fee would be used to cover overhead cost: building maintenance expenses as well as to support the purchase of the new building.
 - All contributions will be deeply appreciated by IEM
 - Students are however exempted.
- Your understanding is greatly appreciated.

CPD/PDP HOURS CONFIRMATION

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