

TALK ON
“INTRODUCTION TO BIM FOR CIVIL AND STRUCTURAL ENGINEERS SERIES
- OVERVIEW AND THE MALAYSIAN ROADMAP” (1st Session)

Organised by the Civil and Structural Engineering Technical Division (CSETD)

BEM Approved CPD/PDP: 2 Hours

Ref No: IEM17/HQ/517/T

Date : **17 JANUARY 2018 (Wednesday)**
Time : **05.30 p.m. – 7.30 p.m.**
Venue : **Malakoff Auditorium, Ground Floor, Wisma IEM, Petaling Jaya, Selangor**
Speaker : **Ir. Mohd Faiz bin Shapiai**

SYNOPSIS

This is the first talk of a two-part series on introduction to Building Information Modelling (BIM) for Civil and Structural Engineers.

The talk will give an introductory overview to BIM: Benefits and challenges, application in civil and structural engineering projects; and updates on where Malaysia is in adopting BIM for both government and private sectors and it's future in the Malaysian construction industry.

About BIM:

BIM or Building Information Modelling is a process for creating and managing information on a construction project across the project lifecycle. One of the key outputs of this process is the Building Information Model, the digital description of every aspect of the built asset. This model draws on information assembled collaboratively and updated at key stages of a project. Creating a digital Building Information Model enables those who interact with the building to optimize their actions, resulting in a greater whole life value for the asset.

BIM brings together all of the information about every component of a building, in one place. BIM makes it possible for anyone to access that information for any purpose, e.g. to integrate different aspects of the design more effectively. In this way, the risk of mistakes or discrepancies is reduced, and abortive costs minimized.

BIM data can be used to illustrate the entire building life-cycle, from cradle to cradle, from inception and design to demolition and materials reuse. Spaces, systems, products and sequences can be shown in relative scale to each other and, in turn, relative to the entire project. And by signalling conflict detection BIM prevents errors creeping in at the various stages of development/ construction.

source: National Building Specification Website, UK

SPEAKER BIODATA

Ir. Mohd Faiz is involved in the implementation of BIM for JKR projects and is qualified in Revit Architecture and Structure.

He is a civil engineer and was involved in RMK 9 and 10 building projects for the Ministry of Education and the Ministry of Higher Education, including development of standard buildings for primary and secondary Schools, SJK(T), Naiktaraf Matrikulasi, Naiktaraf JPN, Naiktaraf PPD and Labuan International School. He is also experienced in forensic for building structures and is a JKR lecturer for analysis and design of structures using Orion and Staad Pro software.

Ir. DR. NG SOON CHING

Chairman

Civil and Structural Engineering Technical Division

ANNOUNCEMENT TO NOTE

FEES

(Effective 1st October 2017)

Members

Registration Fee :	FOC
Administrative Fee :	
<u>Online</u>	RM15
<u>Walk In</u>	RM20

Non-Members

Registration Fee :	RM50
Administrative Fee :	RM20

- Limited seats are available on a "first come first served" basis (maximum 100 participants).
- **To secure your seat, kindly register online at www.myiem.org.my**

PERSONAL DATA PROTECTION ACT

I have read and understood IEM's Personal Data Protection Notice published on IEM's website at www.myiem.org.my and I agree to IEM's use and processing of my personal data