

**TECHNICAL TALK ON
INTERNATIONAL AEC PRACTICES IN BUILDING INFORMATION MODELLING (BIM) – DATA SECURITY & OTHER
CURRENT CHALLENGES**

Organised by Information and Communications Technology Special Interest Group (ICTSIG), IEM

BEM Approved CPD/PDP Hours: 2.0 Ref. No: IEM19/HQ/293/T

Date : 27th July 2019, Saturday
Time : 11.00 am – 01.00 pm
Venue : Auditorium Tan Sri Prof. Chin Fung Kee
Third Floor, Wisma IEM, Petaling Jaya
Speaker : Ir. Dr. Julian Lee

SYNOPSIS

Building Information Modelling (BIM) is one of the hottest topics in the global construction industry from the last decade. BIM, as a new digital tool, is changing the building and construction process and provide an effective platform for construction professionals to develop and monitor the project throughout the whole life cycle. In this presentation, the speaker will highlight his international experience on the recent project in infrastructure project in New Zealand and another worldwide project, particular focus on data security, common data environment, mapping among different software. Those projects have demonstrated the successful adoption of BIM to change the traditional workflow toward reality modelling, point cloud data in verification of as-built tolerances, asset information modelling and geographical information system (GIS). This will include the key contents such as the trends of AEC practice in BIM globally. The necessary factors to overcome the barriers to facilitate BIM application will be discussed with attention of workflow, procurement, and contract & legal matter. The highlight will be given to the collaboration between stakeholder in Malaysia and the global partners. Some countries and cities have been mandatory required the adoption of BIM for capital works projects. This is a clear indication of a firm commitment to the promotion and adoption of BIM technology to improve the processes of design, construction, project management and asset management. The challenges and future prospects in response to the coming digital transformation for the construction industry among AEC consultants will be discussed.

SPEAKER BIODATA



Ir Dr. Julian Lee is the Chief Executive and Founder of Cinnotek International Group, New Zealand, Malaysia and Singapore. He is serving the Civil Engineering Society as an Adjunct Professor at the Department of Civil Engineering in the University of Hong Kong. Ir Dr. Lee has taken significant role as Civil, Structural and Geotechnical Engineer for different kinds of construction projects in Hong Kong and worldwide. Ir Dr. Lee is a Chartered Engineer (CEng) and a Member of Institute of Civil Engineer (MICE), UK and member of the Hong Kong Institution of Engineers (MHKIE), Hong Kong. Prior to his current position in New Zealand, Ir Dr. Lee was formerly Senior Manager – Research and Development of the Construction Industry Council (CIC), Hong Kong; and Lead Engineer (Civil and Structural) of Worley Parsons Pte Ltd, Singapore. Since 1998, he has managed various infrastructure and building projects in the Asia Pacific region, as well as various construction-related research projects. The projects cover construction areas including structural steel, construction technology, sustainability for green building development, construction health & safety, Building Information Modelling (BIM), construction materials and productivity.

Ir. Yasser Asrul Ahmad
Chairman

Information and Communications Technology Special Interest Group (ICTSIG), IEM

ANNOUNCEMENT TO NOTE

FEES

(Effective 1st October 2017)

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Registration Fee : NO CHARGE
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Walk In: RM20

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Registration Fee : RM50
Administrative Fee : RM20

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