



3 - 6 September 2019
Sands Expo & Convention Centre, Singapore
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RAISE YOUR MASTERY HERE!

The exponential growth of urban population globally is spurring the need for affordable housing and reliable social, transportation and utility infrastructure. Today, we need to construct quickly and efficiently, without compromising on long-term sustainability. Are you ready for the challenge?

At IBEW 2019, we have developed a series of technical masterclasses just for you. From BIM and DfMA to building envelope design, there's something for everyone! Join fellow professionals to gain valuable insights and learn valuable tools of the trade from industry experts.

We're just three weeks to IBEW 2019 - have you registered your seat yet? Sign up now and be part of Asia Pacific's most anticipated event on the built environment!



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TRACK 6.1: BUILDING INFORMATION MODELLING (BIM)

THE NEW LIMITS OF A CONNECTED CONSTRUCTION ECOSYSTEM

As the built environment sector matures, an increasing number of industry stakeholders have embraced IDD & DfMA for its exceptional value in upstream and downstream activities. This includes integrating the complete design-to-construction workflow as an efficient, collaborative digital effort.

Join Autodesk, Ong&Ong and Project Frog as they share their insights and best practices on the latest technologies that can help streamline design and engineering processes, and optimise architectural design for manufacturing.

TRACK 6.2: PREFAB MECHANICAL ELECTRICAL & PLUMBING (MEP)

IMPLEMENTATION OF PREFAB MEP MODULE

Prefabrication in MEP systems is the practice of manufacturing and assembly of building components in a factory or other manufacturing site before transporting the assembled components to the construction site. Benefits of adopting prefab MEP include increased productivity and workplace safety, and reduction of construction time and manpower cost.

Our experts from TOM will share an overview of the processes involved in the planning, design, coordination, prefabrication, delivery and installation of prefab MEP modules. The interface between technologies such as BIM, IDD and Pre-Fab MEP will also be discussed.

TRACK 6.3: GREEN SOLUTIONS - HIGH PERFORMANCE FACADE

DECODING THE ENHANCED ETV AND RETV FORMULATIONS FOR ENERGY EFFICIENT BUILDING ENVELOPES

Building envelopes play an important role in determining how energy efficient a building can be. In this session, you will gain a deeper understanding of the benefits and key changes of the enhanced ETV and RETV formulations.

Join Prof. Chou Siaw Kiang from the National University of Singapore as he gives a step-by-step guide to the computation of ETV and RETV using the enhanced formulation.

TRACK 6.4: DIGITALISATION

INTEGRATED DIGITAL WORKFLOW WITH OPEN BIM

OPEN BIM is a universal approach to the collaborative design, realization, and operation of buildings based on open standards and workflows. Covering the various stages of a construction project, Graphisoft will share how OPEN BIM technology can be used to develop a comprehensive integrated digital workflow plan.

This session will include case studies and practical applications of the use of computational BIM.



VIEW PROGRAMME



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IBEW 2019 MASTERCLASS SPEAKER



MR. DANIELS CHANDRA
Ong & Ong



MS. KAREN WEISS
Autodesk



MR. MAREK SUCHOCKI
Autodesk



MR. MIKE EGGERS
Project Frog Inc



MR. MAHENDRAN MINISAMY
TOM



MR. GOUTHAM VIJAY
TOM



MR. MARCELO MORIM
Graphisoft



PROF. CHOU SIAW KIANG
National University of Singapore



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