BCA ACADEMY

IBEW INTERNATIONAL BUILT ENVIRONMENT WEEK

HARNESSING COMPUTATIONAL DESIGN TO ENHANCE PROJECT DELIVERY

17 November 2021 • 2pm to 6pm • Webinar

Computational design approach enables built environment practitioners to explore wider design options and automate complex solutions efficiently for optimised project delivery. It has also been identified as one of the in-demand key skillsets for the sector towards digitalisation.

In this webinar, you will hear from both local and international practitioners covering global trends of computational approach towards design and construction, real case studies of computational approach in integrated design including practical adoption of computational BIM at various levels of complexities, as well as to showcase various possibilities as a collaborative tool.

TOPICS & SPEAKERS

POSSIBLE FUTURES FOR THE "DIGITALLY TRANSFORMED" CONSTRUCTION ECOSYSTEM

Mr. Alain Waha
Chief Technology Officer, Buro Happold, UK

ACHIEVING COLLABORATIVE DIGITAL DESIGN THROUGH COMPUTATIONAL APPROACH

Mr. Gerard Teo
Director, IDA Technology

PERFECTING HIGH-PERFORMANCE FAÇADE DESIGN: EVOLUTION FROM BUILDING INFORMATION MODELLING TO BUILDING ANALYSIS MODELLING

Mr. Kabi Subramaniam
Associate Principal, Asset Services Leader, Arup

COMPUTATIONAL BIM: FROM DESIGN TO FABRICATION

Ar. Pan Yi Cheng
Principal Architect, Type0 Architecture

COMPUTATIONAL DESIGN FOR DIGITAL MODEL LIFECYCLE, FROM DESIGN TO CONSTRUCTION

Mr. Muhammad Khalil
Digital Lead, Boustead E&C

COMPUTATIONAL APPROACH FOR MEP: AUTOMATION, DATA EXTRACTION & CALCULATION

Mr. Saw Tun
Lecturer, Singapore Polytechnic

FEE PER PAX: S$65 (incl. 7% GST)
(Pending WTU Funding)

WHO SHOULD ATTEND
All built environment professionals who like to gain more insights in computational design of integrated digital delivery (IDD)

CERTIFICATE
e-Statement of Attendance (e-SOA)

CPD POINTS
BOA-SIA: -
PEB: -

REGISTRATION

*To register, please log into our Online StoreFront (OSF) at **https://eservices.bcaa.edu.sg/registration/#/Login** or scan QRcode and search for course code **80080***

** Subject to change without prior notice*