



Held in conjunction with:



BUILT ENVIRONMENT TECHNICAL WEBINAR SERIES

- **DfMA TRACK:** 20 Aug 2021, 2.30pm to 4.30pm
- **IDD TRACK:** 24 Aug 2021, 3.00pm to 5.00pm
- **SUSTAINABILITY TRACK:** 10 Sep 2021, 2.30pm to 4.30pm

Held in conjunction with the International Built Environment Week (IBEW) 2021, the Built Environment Technical Webinar Series brings together domain experts and industry professionals to discuss key topics in transformative practices such as sustainability, Design for Manufacturing and Assembly (DfMA) and Integrated Digital Delivery (IDD) – which are key pillars of the Singapore Construction Industry Transformation Map.

Join us at these specially curated technical webinars to gain insights on best practices, innovation and practical implementation.

Participants who signed up for any of these webinars will enjoy additional \$30 discount for the digital IBEW 2021

DfMA TRACK

20 Aug 2021

2.30pm to 4.30pm

HARNESSING DfMA AND POTENTIAL OF ADVANCED MANUFACTURING

The presentations include sharing on global trends of DfMA, key learning points in the planning and construction of local and international PPVC projects as well as highlighting recent development in 3D Printing.



**CHALLENGING
LIMITS OF DFMA:
A PPVC JOURNEY
OF AVENUE SOUTH
RESIDENCES**

Mr Allan Tan
*Managing Director,
United Tec
Construction Pte Ltd*



**CHANGING THE
WAY WE DESIGN
AND BUILD WITH
3D-CONCRETE
PRINTING**

Mr Jordy Vos
*Team Leader Digital
Construction,
Witteveen+Bos Singapore*



**DRIVING
INNOVATION
THROUGH DFMA**

Mr Michael Crane
*Head of Innovation,
CIMC Modular
Building Systems UK*

CLICK HERE OR SCAN QR CODE TO REGISTER



IDD TRACK

24 Aug 2021

3.00pm to 5.00pm

INNOVATION IN DIGITAL DESIGN AND CONSTRUCTION

Participants will gain insights on best practices and innovation in the areas of computational design, data analytics and artificial intelligence (AI) geared towards Industry 4.0, as well as digitalization of construction processes for productivity gains.



DATA-DRIVEN DESIGN AND BUILD, OPPORTUNITIES AND CHALLENGES

Mr Tsukasa Ishizawa

Group Leader, Computational Design Group, Advanced Design Department, Takenaka Corporation Head Office, Japan



ELEVATING PRODUCTIVITY THROUGH A DIGITALISED WORKSITE

Mr Muhammad Khalil

Senior Digital Delivery Manager, Boustead Singapore Limited



PRACTICAL ANALYTICS FOR BUILT ENVIRONMENT

Dr Edna Chan

Centre Director, Data Science and Analytics Centre, Singapore Polytechnic



6D BIM: CARBON NEUTRAL SMART CITIES

Mr John Tan

Smart Cities Business Development Director, SoftwareONE



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**SUSTAINABILITY
TRACK**

10 Sep 2021

2.30pm to 4.30pm

SUSTAINABILITY IN PRACTICE: TRENDS AND STRATEGIES TOWARDS SUPER LOW ENERGY BUILDINGS

This webinar will share sustainability trends and best practices as well as strategies towards achieving optimal energy efficiency for buildings in times of pandemic and beyond.



SUSTAINABILITY PRACTICES IN TIMES OF PANDEMIC AND BEYOND

Dr Marwa Zaatari
*ASHRAE Distinguished
Lecturer; Member, ASHRAE
Epidemic Task Force
Commercial Buildings
Subcommittee*



STRATEGIES TOWARDS ACHIEVING SUPER LOW ENERGY FOR EXISTING BUILDINGS

Ms Lee Zhenyi
*Director, Sustainability,
Integrated Green Energy
Solutions, Building
Engineering Solutions,
Cushman & Wakefield*



LIXIL INTERNATIONAL PTE. LTD

*Presentation title and
speaker to be confirmed*



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FEE PER PAX: S\$60 per webinar (incl. 7% GST)

WHO SHOULD ATTEND

The Built Environment Technical Webinars are suitable for all levels of personnel and professionals who are working in the built environment sector.

CPD POINTS

BOA-SIA (all 3 tracks): -

PEB (all 3 tracks): -

SGBC (sustainability track only): -

The interactive live webinar sessions will be conducted through Zoom. Log-in details will be provided upon registration and payment. Webinars topics may be revised without prior notice.

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