Build Smart 2018: Unlocking Innovation Through Digital Transformation

The Build Smart Conference provides a platform for practitioners from different disciplines to gain insights of overseas and local advancement towards construction productivity, its technologies, processes and concepts, business case, as well as exemplary projects. Launched in 2011, the Build Smart Conference has been a key event, which is an industry-wide campaign to raise awareness in enhancing construction productivity.

Tuesday, 23 October 2018, 9am to 5pm
Max Atria @ Singapore Expo, Peridot Room 201 – 203

Key Note 1: Transformation Journey to end-to-end Digital Project Delivery
By Mr Alberto Munoz Cuevas, Associate Partner, McKinsey & Company

Key Note 2: Digitalisation in Building Construction
By Mr Heah Soon Poh, Assistant Chief Executive Officer (Engineering & Operations), JTC

CPD Points
PEB: 5 PDUs
BOA-SIA: Pending
IES-ACES: Pending
REGISTER NOW!
2-days course on
Principles & Application of Data Analytics

In recent years, data analytics has gained significant momentum and buy-in from leadership in organisations across sectors and functions. However, many organisations continue to find it challenging to get data analytics off the ground and on the right track due to a combination of technical, cultural and capabilities factors. One of the key factors is due to a lack of analytics skills among the employees. While organisations may hire specialists to jump start its analytics journey or work on specific analytics projects, the potential of data analytics can only be sustained if the organisation is able to build data analytics capabilities and culture throughout the organisation.

This bespoke workshop aims to address such capability gaps in the built environment sector, especially among professionals and managers in non-analyst roles who wish to work with and make sense of data and analysis of their daily work.

1st Run: 25 & 26 Oct 2018
Venue: BCA Academy

To register, CLICK HERE!

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2-day course on
BIM for Building Lifecycle and Facility Management

The adoption of Building Information Modelling (BIM) during the design and construction stages has transformed our construction industry significantly. However, there are more from BIM that the industry could benefit from, especially in the areas of building operation and asset information management.

This 2-day course will enable participants to appreciate how the convergence of BIM and Internet of Things (IoT) could change the way buildings are designed, built, operated and maintained. The lecturer will also demonstrate how BIM and IoT could automate the integration of various building systems and enable smart operation and maintenance.

CPD Points
BOA-SIA: Pending
PEB: 12 PDUs

1st Run: 25 & 26 Oct 2018
Venue: BCA Academy

To register, CLICK HERE!
Imperial College London – BCA
Executive Development Programme on
DfMA and IDD Leadership 2018

The programme supports the development of leadership capability in Design for Manufacture and Assembly (DfMA) and Integrated Digital Delivery (IDD). The programme is hosted by the Centre for Systems Engineering and Innovation at Imperial College London. They draw on leading research and practice to involve talks, activities and learning journeys that gives an overview of:

- Digital engineering and innovation management
- Optimisation, logistics and design tools
- Site visit and industrial talks
- Practical challenges and DfMA digital strategy

2nd Run: 12 – 15 Nov 2018
Venue: Imperial College London

Course Registration closes 19 Oct 2018

CPD Points
BOA-SIA: Pending
PEB: Pending

To register, CLICK HERE!

Half-day masterclass in
Integrated Digital Delivery
Through Computational BIM

Computational BIM approach refers to innovative problem-solving processes in which users define algorithms and workflows to automate tasks, optimise outputs and manage changes across different project phases. Computational BIM also forms an important part of integrated Digital Delivery (IDD).

This masterclass aims to:
- Create awareness to the wider group of built environment industry on the adoption of computational BIM.
- Share best practices, challenges and benefits of computational BIM through case studies.
- Encourage professionals to adopt it in their workflow.

CPD Points
- BOA-SIA: Pending
- PEB: Pending

1st Run: 16 Nov 2018 (AM)
Venue: BCA Academy

To register, CLICK HERE!
2 days Practical Course on
Safety Data Analytics To
Improve Workplace Safety & Health Performance

Workplace Safety and Health (WSH) works involve enormous data in the form of inspection reports, incident reports, safety behaviours indicators, procurement data, etc., that can be analysed with suitable data analytics tools to arrive at outcomes that can be used to improve work productivity and WSH performance at work places.

This course aims to provide participants a good appreciation of basics of data analytics and its tools, and how WSH data can be analysed with tools in order to improve safety and health performance and productivity in workplaces.

CPD Points
PEB: Pending
WSH-CPD (WSH Officers): Pending
IES-ACES (Res/ RTOs): Pending (Safety)

1st Run: 26 & 27 Nov 2018
Venue: BCA Academy

To register, CLICK HERE!

For enquiries or feedback, please email us at bca_academy@bca.gov.sg. For more information, visit the BCA Academy's website now for other seminars/courses details. You are receiving this email as you are subscribed to our mailing list. If you no longer wish to receive such emails, please send an email to bca_academy@bca.gov.sg with the subject “Unsubscribe”.