

# DfMA ALLIANCE LAUNCHING & CITAC CONFERENCE

## LAUNCHING CEREMONY & CITAC TECHNICAL CONFERENCE ON INDUSTRIALISATION

18 MARCH 2019 (MONDAY, PM)

CHIANG CHEN STUDIO THEATRE,  
THE HONG KONG POLYTECHNIC UNIVERSITY

## DfMA TECHNICAL WORKSHOP

19 MARCH 2019 (TUESDAY)

PRESTON TRAINING CENTRE, FORTRESS HILL





# About the DfMA Alliance

The Construction Industry Council (CIC) is establishing an industry-wide membership organisation, viz., DfMA Alliance (the Alliance), enabling collaboration in offsite prefabrication and modular construction. We aim to deliver a step change in construction productivity and value by creating an ecosystem to maximise the demand of such method of construction in Hong Kong and forming a capable and robust supply chain for meeting this challenge.

We are now calling for industry stakeholders to join the Alliance as Members.

More details can be found at [http://www.cic.hk/eng/main/dfma\\_alliance/](http://www.cic.hk/eng/main/dfma_alliance/)



[About DfMA Alliance]



[Join the Alliance]

## Enquiries

Email address: [dfma@cic.hk](mailto:dfma@cic.hk)

Tel: 2100 9000

(Please specify "DfMA Alliance")

## About the Speakers



### Dr John KEUNG

Dean,  
Building & Construction Authority Academy,  
Singapore

Dr John Keung was formerly the Chief Executive Officer of Singapore's Building and Construction Authority (BCA) from June 2006 to May 2017.

Under Dr Keung's leadership, BCA moved Singapore into the position of a global leader in green buildings in the tropics, raised construction productivity drastically by a cumulative 12% from 2010 to 2017 and transformed its built environment sector into one that is sustainable, and digitally and technologically advanced through the adoption of Design for Manufacturing and Assembly and Integrated Digital Delivery.

### Ir Conrad WONG, BBS, JP

Vice Chairman,  
Yau Lee Holdings Limited,  
Hong Kong



Ir Wong has over 30 years of building construction experience. He is Vice Chairman of Yau Lee Holdings Limited, one of the leading building construction companies in Hong Kong. Ir Wong is currently the Deputy Chairman of Vocational Training Council, Member of the Advisory Council on the Environment, Member of the Trade and Industry Advisory Board as well as Member of Energy Advisory Committee. In the past, Ir Wong served as the Chairman of the Occupational Safety and Health Council, the Chairman of the Hong Kong Green Building Council, the President of the Hong Kong Construction Association.

### Mr Keith WALLER

Programme Director,  
Transforming Construction Alliance,  
United Kingdom



Keith Waller is the Transforming Construction Alliance's Programme Director for the Core Innovation Hub. Keith has been involved in construction and infrastructure projects for over 30 years, leading many major projects in both the UK and overseas. A keen advocate of driving innovative and productive solutions, Keith's work in the UK government led to the publication of the UK's first National Infrastructure Plan, the development of the Infrastructure Cost Review and the Infrastructure and Projects Authority's Transforming Infrastructure Performance programme, published in 2017.

### Mr Mark BRYDEN

Co-founder,  
Bryden Wood,  
United Kingdom



In 1995, together with Martin Wood, Mark Bryden co-founded Bryden Wood. This is a technology-led design company made up of 200 architects, analysts, software coders, engineers and industrial designers. Bryden Wood is the only design practice in the UK which brings together such a broad range of specialisms with a single purpose: to transform the global construction industry. Their vision is to close the gap between construction and manufacturing, to create a highly productive, digitally-led industry. Bryden Wood is globally recognised for studying complex business processes in order to create cutting-edge design solutions. Last year, they won a prestigious Queen's Award for innovation that changes the fundamentals of design and construction.

### Mr Alan CLUCAS

Director,  
Explore Manufacturing - Laing O'Rourke,  
United Kingdom



Alan Clucas is a senior executive in the building materials sector with a wealth of technical and operational experience. He has a long and distinguished track record of delivering structural offsite solutions for the building and infrastructure sectors. Alan draws on over 30 years of experience in designing and manufacturing precast concrete and structural steel components for structural frames, car parks, offices, retail, infrastructures, nuclear containment and prisons as well as numerous high volume standard product applications.

## About the Moderator

### Mr Tim HALL

Executive Director,  
Buildoffsite,  
United Kingdom



Tim Hall brings 20 years of experience in manufacturing and logistics and 10 years in construction consultancy with an emphasis on offsite MiC, collaborative supply chain design and development of disruptive value propositions. His role leading Buildoffsite for the last 2 years brings experience and insight to deliver transformation in capability and performance that construction needs worldwide.



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DATE: 18 MARCH 2019 (MONDAY)

VENUE: CHIANG CHEN STUDIO THEATRE, THE HONG KONG POLYTECHNIC UNIVERSITY, HUNG HOM

LANGUAGE: ENGLISH

## PROGRAMME RUNDOWN

| TIME  | AGENDA  | SPEAKER  |
|-------|---|--|
| 13:30 | Registration  |  |
| 14:00 | Opening Speech  | <b>Mr CHAN Ka-kui, SBS, JP</b><br>Chairman, CIC  |
| 14:10 | Introduction of DfMA Alliance   | <b>Ir Ringo YU</b><br>Chairperson, CIC Committee on Productivity                                       |
| 14:20 | Industrialisation of Construction Industry  | <b>Mr Donald CHOI</b><br>Chairman, CIC CITAC Board   |
| 14:30 | Opening Ceremony and Group Photo  |  |
| 14:40 | Construction 2.0 of Hong Kong   | <b>Ir LAM Sai-hung, JP</b><br>Permanent Secretary for Development (Works),<br>HKSAR Government         |
| 15:00 | DfMA for High-rise and High-density Cities<br>– Challenges and the Way Forward  | <b>Dr John KEUNG</b><br>Dean, Building & Construction Authority Academy,<br>Singapore                  |
| 15:20 | Transforming Construction -<br>Delivering Better Outcomes for<br>Business and Society                                 | <b>Mr Keith WALLER</b><br>Programme Director,<br>Transforming Construction Alliance,<br>United Kingdom |
| 15:40 | Refreshment Break   |  |
| 15:55 | The Challenges of Implementing DfMA   | <b>Mr Alan CLUCAS</b><br>Director, Explore Manufacturing - Laing O'Rourke,<br>United Kingdom           |
| 16:15 | Is DfMA Enough to Enhance Productivity?   | <b>Ir Conrad WONG, BBS, JP</b><br>Vice Chairman, Yau Lee Holdings Limited,<br>Hong Kong                |
| 16:35 | The Route to Automated Construction:<br>How Platforms, Technology and Assembly<br>will Together Transform an Industry | <b>Mr Mark BRYDEN</b><br>Co-founder, Bryden Wood,<br>United Kingdom                                    |
| 16:55 | Panel Discussion  | <b>Moderator: Mr Tim HALL</b>  |
| 17:30 | End   |  |

\*The organiser reserves the rights to make any changes to the programme and speakers without prior notice.

# THE FIRST DfMA TECHNICAL WORKSHOP

DATE: 19 MARCH 2019 (TUESDAY)  
VENUE: PRESTON TRAINING CENTRE, FORTRESS HILL  
(Room 408-9, Fortress Tower, 250 King's Road, Fortress Hill, Hong Kong)  
LANGUAGE: ENGLISH

## PROGRAMME RUNDOWN

| TIME   | AGENDA   | SPEAKER  |
|--|--|--|
| 08:40  | Registration   |  |
| 09:00  | Opening Remarks  | <b>Ir Dr Richard PANG</b><br>Director - Industry Development, CIC  |
| <b>Morning Session – Technical Sharing</b>   |  |  |
| 09:05  | Collaboration in Construction:<br>The Key to Successful DfMA and Supply Chain System Design  | <b>Mr Tim HALL</b><br>Executive Director, Buildoffsite, United Kingdom<br><b>Mr Keith WALLER</b><br>Programme Director, Transforming Construction Alliance, United Kingdom |
| 09:50  | A New Architecture for the Digital Age:<br>How the Changing Role of the Architect will Increase Design Value and Aesthetic Integrity | <b>Mr Mark BRYDEN</b><br>Co-founder, Bryden Wood, United Kingdom   |
| 11:05  | <b>Refreshment Break</b>   |  |
| 11:20  | DfMA a New Model for Construction  | <b>Mr Alan CLUCAS</b><br>Director, Explore Manufacturing - Laing O'Rourke, United Kingdom  |
| 12:35  | <b>End of Morning Session</b>  |  |
| <b>Afternoon Session – Hands-on Workshop</b> |  |  |
| 14:00  | Hands-on Workshop and Practising DfMA in Construction Projects   | <b>Facilitators:</b><br>- Mr Tim HALL<br>- Mr Keith WALLER<br>- Mr Alan CLUCAS<br>- Mr Mark BRYDEN   |
| 16:30  | <b>End</b>   |  |

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