

Masterclass in

Integrated Digital Delivery through Computational BIM

INTRODUCTION

Computational BIM or rule-based 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. It allows users to explore more options leading to desired solution for productivity gain.

Computational BIM also forms an important part of Integrated Digital Delivery (IDD). Increasingly, local and international project teams are adopting it to optimise their project delivery.

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

HIGHLIGHTS

In this masterclass, you will hear the adoption of computational BIM by the stakeholders from different disciplines of the built environment sector.

- Advanced Computational Design: Bringing the future to today's Integrated Digital Delivery
Mr Andrew Harvey
Mott MacDonald Singapore Pte Ltd
- Digital Architecture
Mr Chander Gupta & Ms Jahzeel Magdadaro
ONG&ONG Group Pte Ltd
- Integrated Parametric Computational Design – A New Paradigm
Mr Callum Ross McCulloch & Mr Robert Bamford
Web Structures Pte Ltd
- Computational BIM for MEP
Mr Saw Tun
Singapore Polytechnic
- Computational BIM for PPVC
Mr Basu Gurudas
Teambuild Engineering & Construction Pte Ltd
- Change Management with Computational BIM
Ir Yau Kung Yuen
Projalma Sdn Bhd



DETAILS

Date:	10 May 2019
Time:	2.00pm to 6.00pm
Venue:	BCA Academy
Fees:	\$290.00
(incl. of GST)	\$46.07 (Up to 90% WTU funding support for Singaporeans and Singapore PRs)

Refreshment will be provided.

In keeping with our green and sustainable practices, course notes will be available in e-format.

CPD POINTS

PEB : -

AWARD

Certificate of Attendance (COA) will be awarded to participants who meet the attendance requirement.

TARGET AUDIENCE

- Business practitioners and decision makers of the built environment SMEs
- Developers
- Architects
- Engineers
- Project Managers
- BIM Managers
- BIM Specialist
- Builders
- Specialist Contractors and Suppliers

REGISTRATION FORM

Event Code: 80029

Masterclass in Integrated Digital Delivery through Computational BIM

Date: _____

Duration: 0.5 day Time: 2pm to 6pm Venue: BCA Academy

Fee (incl of GST): S\$290.00 S\$46.07 (up to 90% WTU funding)

Funding Application No.: _____ (compulsory for SDF and WTU funded fees)

I would like to apply for SkillsFuture Credit (Please tick accordingly)

80029.190121.0001

For Official Use	
Application No.:	
Receipt No.:	
Processing Officer:	
Cashier:	

PART A - SELF-SPONSORED APPLICANTS please fill in Part A and C and sign in Part D(i).

Name (Dr/Mr/Mrs/Ms): _____ (as per NRIC/Passport) NRIC/FIN/Passport No.: _____ (fill in NRIC/FIN if available)

Birth Date: _____ (DD/MM/YYYY) Hp No.: _____ Email: _____

Company Name: _____ Designation: _____

Residential Address: _____ (for self-sponsored applicant) Postal Code: _____

(Residential address as per NRIC for Singaporeans & PRs)

PART B - COMPANY-SPONSORED APPLICANTS please fill in Part B and C, stamp and sign Part D(ii). Confirmation email will only be sent to the HR Contact Person.

Name (Dr/Mr/Mrs/Ms): _____ (as per NRIC/Passport) NRIC/FIN/Passport No.: _____ (fill in NRIC/FIN if available)

Designation: _____ Birth Date: _____ (DD/MM/YYYY)

Email: _____ Hp No.: _____

Company Name: _____ Co. UEN No.: _____

Company Address: _____ Postal Code: _____

Contact Person: _____ (HR Personnel) Fax No.: _____ Contact No.: _____

Designation: _____ Email: _____

Contact Person: _____ (Finance Personnel) Fax No.: _____ Contact No.: _____

Designation: _____ Email: _____

PART C - PAYMENT

- (i) Enclosed is Cheque No.: _____ (Cheque should be crossed, marked "account payee only" and made payable to **Building and Construction Authority** and mailed to **BCA Academy, 200 Braddell Road, Singapore 579700**) for S\$ _____ OR
- (ii) Deduct from GIRO Account No.: _____ (Note: Only company cheque or company GIRO will be accepted if the company is applying for funding or subsidy. The GIRO Account Number must be the same bank account number as indicated in the Direct Debit Authorisation form submitted to BCA.)

PART D - DECLARATION

By submitting and signing this application form, the self-sponsored or company-sponsored applicant agree to the terms and conditions below.

(i) FOR SELF-SPONSORED APPLICATION:

Name : _____

Signature : _____

Date : _____

(ii) FOR COMPANY-SPONSORED APPLICATION:

Person authorised to contract for the company:

Name : _____

Designation : _____

Signature : _____

Date : _____

Company Stamp
(For company-sponsored application only)

TERMS AND CONDITIONS

1) The company and individual applicant has read and understood the terms of the brochure (if available) and the application form. 2) The company and individual applicant warrant that the particulars given in the application form are accurate. 3) The Building and Construction Authority (BCA) can disclose to other government agencies any information relating to this application. 4) Payment for the course must be made to BCA before the course commencement date. 5) Any Direct Debit and Direct Credit Authorisation for GIRO applications previously signed and passed to BCA will apply to payments made under this course. 6) BCA reserves the right to accept or reject the application for whatever reason. 7) BCA shall at its discretion allocate a space to the registered applicant, based on availability. 8) BCA reserves the right to amend any details relating to the course, revise the course fees without prior notice, cancel or postpone the course. 9) No deferral is allowed. 10) Request for withdrawal must be made in writing. Requests are subject to approval by BCA and administration fee: Written request for withdrawal that reaches BCA - At least 2 weeks before the course commencement date: 10% of course fee is payable. - Less than 2 weeks but more than 3 working days before the course commencement date: 25% of course fee is payable. - 3 working days or less before the course commencement date: full course fee is payable. 11) No Replacement is allowed for funded participants. 12) The Continuing Professional Development (CPD) points indicated for any course offered by BCA is subject to change and final approval by the relevant professional accreditation bodies. 13) Funding and subsidies offered by BCA or third party organisations for the courses are subject to approval. The company must make the application for funding and subsidies. BCA is not to be held liable and the company agrees to pay BCA the applicable funding amount if funding and subsidies are either granted at a reduced amount, not granted at all or if funding is revoked, for whatever reason. 14) All information, materials, services, intellectual property and other property and rights provided by BCA during the course are provided on an "as is" basis. BCA makes no warranties of any kind, either express or implied, as to any matter, and all such warranties, including warranties of merchantability and fitness for a particular purpose, are expressly disclaimed. 15) The materials supplied to the company and individual applicant for the course ("Materials") are for their personal reference only and the company and individual applicant is not supposed to otherwise use the Materials. The company and individual applicant shall defend and indemnify BCA and its officers, employees and agents from and against any and all liability, damage, loss or expense (including reasonable attorneys' fees and expenses) imposed upon BCA in connection with any claim arising out of the company and individual applicant's use of the Materials. 16) Re-assessment fee is applicable for those who are required to re-take the assessment. 17) I consent to BCA, BCA Academy, and BCA's employees contacting me via my contacts (including email addresses and mobile numbers) to market future courses, seminars, conduct surveys, circulate publications (i.e. magazines, periodicals etc). If you wish to withdraw your consent to any use or disclosure of your personal data as set out above, you may contact us. **PLEASE NOTE:** All correspondence and notices addressed to BCA are to be sent to BCA Academy. Photographs of attendees will be taken at the event for our publicity materials, newsletters and other publications.

GREEN PRACTICE: As part of BCA's sustainability efforts, electronic Statement of Attendance (eSOA) will only be issued to the participant on request. Please inform BCA staff on-site if you would like to request for the eSOA.

Graduates of BCA Academy's Diploma, Specialist Diploma, Degree and Masters programmes may enjoy discounted course fee on some courses by applying for BCA Academy Alumni lifetime membership. To apply, visit www.bcaa.edu.sg or email to alumni@bcaa.edu.sg for more details.

To check the status of your course applications, please log into the Customer Self Service Portal (CSSP) at www.bcaa.edu.sg/self_help_portal/selfhelp/login.aspx. If you need assistance on using the CSSP, please call our customer service hotline: 6248 9999, from 8.30am to 5.00pm, Monday to Friday.

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