Optimising Project Delivery with Virtual Design & Construction

**INTRODUCTION**

The use of virtual design and construction (VDC) has been proven in many projects to improve productivity through early simulation of project complexities with the integration of information of the multiple disciplines and project phases in which the Owners, Architects, Engineers and Contractors are able to predict and measure the project performance in advance. This enables a more productive project delivery through more effective coordination as well as minimising changes, reworks and requests for information, resulting in labour, time and cost savings.

**KEY TAKEAWAYS**

- Impacts of VDC on projects and organisations
- How to do virtual construction
- Successful VDC case studies
- Embarking and overcoming challenges in VDC
- What are the potential blindspots in VDC project delivery and its misconceptions

**ABOUT THE TRAINER**

Joseph Yau leads DPR Construction's operations in the Asia-Pacific Region and is recognised as Engineering News Record’s (ENR) Top 20 Professionals Under 40. He has previously been a Project Executive and Senior Project Manager and has 12 years of large-project experience in the US construction industry. Joseph has led successful project teams working with clients such as Apple, VMware, Sutter Health, the Palo Alto Medical Foundation, Genentech and Roche. Joseph holds a Master of Science degree from Stanford University in Construction Engineering and Management, and a Bachelor of Science degree from the University of California Berkeley in Civil and Environmental Engineering. Passionate about learning, development and innovation, he also serves as the leader of DPR’s project managers, a corporate trainer of project cost management, and founding leader of DPR’s Innovation Team.

**HALF-DAY WORKSHOP ON**

**Optimising Project Delivery with Virtual Design & Construction**

**DATE:** 14 Nov 2014

**TIME:** 9.00am-12.30pm

(Registrations starts at 8.30am)

**VENUE:** BCA Academy

**FEE:** (inclusive of GST)

**S$114.00***(with WTU Funding)

**S$214.00** (without WTU Funding)

Course materials and refreshments will be provided.


**TARGET AUDIENCE**

- Architects
- Building Owners
- Project Managers
- Project Engineers
- Construction Professionals

50% WTU Funding is available
## REGISTRATION FORM

**Half-Day Workshop on Optimising Project Delivery with Virtual Design & Construction**

### Date:

14 November 2014

### Time:

9.00am to 12.30pm (Registration starts at 8.30am)

### Venue:

BCA Academy

### Fee (incl of GST):

- S$114.00* (with WTU funding)
- S$214.00 (without WTU funding)

### Participant Particulars

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<th>Designation:</th>
<th>Mailing Address:</th>
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### Contact Person Particulars (if different from the above)

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### Payment

Enclosed is a Cheque No.:______________________________ (Cheque should be crossed, marked “account payee only” and payable to Building and Construction Authority and mailed to BCA Academy, 200 Braddell Road, Singapore 579700) for S$___________________ OR 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.)

### Terms and Conditions

By submitting and signing this application form, the company and individual applicant agree to the following:

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 (BCAs) can disclose to other government agencies any information relating to this application.
4. Payment for the course must be made 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 Academy reserves the right to accept or reject the application for whatever reason.
7. BCA Academy at its discretion allocate a space to the registered applicant, based on availability.
8. BCA Academy reserves the right to amend any details relating to the course, revise the course fees without prior notice, cancel or postpone the course.
9. BCA Academy reserves the right to change and final approval by the relevant professional accreditation bodies.
10. The company and individual applicant warrants that 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 BCA Academy 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 and BCA Academy in connection with any claim arising out of the company and individual applicant’s use of the Materials.

### ENQUIRIES

Tel: 6248 9999 • Fax: 6258 0558 • Email: bca_academy@bca.gov.sg • Website: www.bcaa.edu.sg