

CPD



A seminar organised by  
Singapore Institute of Architects

PROGRAMME

# BIM for DESIGN & PRODUCTIVITY

**Date** : Friday, 08 July 2011  
**Venue** : SINGAPORE INSTITUTE OF ARCHITECTS  
 SIA THEATRETTE - LEVEL 1  
 79 NEIL ROAD S(088904)  
**Time** : 2.15PM - 6.00PM

PROGRAMME

1.45pm	Registration
2.15pm	Welcome and BIM Overview by Mr. William Lau, SIA Chairman, Resource & Technical Committee
3.00pm	Presentation by Mr Ben Thum, SIACAD Pte Ltd
3.45pm	Tea Break
4.00pm	Presentation by Mr Abelardo M. Tolentino, Jr., President & CEO
5.00pm	Q & A
5.30pm	Refreshment & Networking
6.00pm	End

**SIA Member**                      **S\$ 30.00**

**BOA Registered Architects/  
CIJC Member**                      **S\$ 45.00**

**Non-Member**                      **S\$ 60.00**

Registration on First-Come-First-Serve Basis

**BOA-SIA CPD Accreditation**                      **4 points**

## SPEAKERS' SYNOPSIS & PROFILE

### 1st Speaker: William Lau TY, William Lau Architects

William Lau TY, principal of William Lau Architects is also a council member in Singapore Institute of Architects (SIA) chairing the Resource and Technical Committee, whose main task is to leverage relevant IT tools in order to enhance efficiency in the architectural practice for members.

William is also the current president of Building Smart - Singapore Chapter - affiliated to an international organisation previously known as International Alliance for Interoperability (IAI). Building Smart's primary aim is to develop an internationally adopted open standard for the sharing of building information, especially in BIM implementation, that supports the many participants in the complete life cycle of the building process.

#### **Synopsis: Global Trend of BIM adoption**

Building Information Modeling or BIM has the potential of addressing the fragmented processes inherent in AEC industry. Resulting in improving the productivity and integrating the processes allowing stakeholders in the project team to be able to coordinate issues, which were not possible in the traditional method. Fully enabled BIM software can provide a big leap forward for the AEC industry. Speed, quality and cost could be dramatically improved.

The speaker will share the trend of BIM adoption globally and highlighting the various benefits that will motivate architects to be BIM enabled.

### 2nd Speaker: Ben Thum, SIACAD Pte Ltd

Ben started BIM with Revit in 2001 – before AutoDesk bought up the company. Since then he has been involved in VectorWorks, SketchUp and ArchiCAD. Last year, the company signed up for the AutoDesk Developer Network and is now developing industry-specific libraries and add-ons. Besides hardcore programming, Ben is also actively involved in training which he believes is an excellent source for ideas and inspiration. An avid reader, Ben spends his free time reading everything from history, science and politics to management, fiction and spy thrillers.

#### **Synopsis: Buildability Score Solution for BIM**

The Code of Practice for Buildable Design was first published by BCA in December 2000. The next major update will be in July 15th 2011. It is now mandatory for buildings with GFA of 2,000 m3 and above to achieve minimum buildability score. Computing Buildability Scores is very complex and tedious. In 2002, SIACAD released an Add-On which enabled QPs to compute Buildability Scores directly from their 2D CAD Drawings. With the current push towards BIM submission, SIACAD has once again developed an Add-On to do Buildability Scores computations within the BIM Model. The presenter will demonstrate how to use this Add-On, tips and tricks on how to ensure that your BIM model can be used for such computations and also some of the key elements in the amendments to this Code Of Practice effective on July 15th 2011.

### 3rd Speaker: Abelardo M. Tolentino, Jr., President & CEO, Aidea Philippines, Inc.

At the start of his career, Aidea Philippines CEO & President, Abelardo Tolentino, Jr. envisioned a Filipino design firm that would lead and inspire the industry through its designs, relationships and global thinking. He changed the mindset of his people and inspired them to continuously innovate the way they design. Under his leadership, Aidea has broken into the international market. They have completed numerous projects for clients throughout Europe, the Middle East and North America. Note : Aidea Inc is ranked by BCI Asia as one of the largest firms in the Philippines and also ranked as no 86 in the Building Design (BD) World Architecture 2010 Top Architects.

#### **Synopsis: Regaining The Architect's Leadership Role using BIM**

During the SIA Practice Convention 2011, the focus was on BIM, the e-Submission requirements and the various BCA incentives to promote BIM. One of the papers during the convention "Getting Started With BIM" presented case studies of how firms are implementing BIM in Singapore and the region. Aidea Inc Philippines stood out as a firm that has implemented 100% BIM. They started their journey in 2005 without any government incentives and has since completed projects of various sizes in Philippines and internationally entirely in BIM - from inception to construction. They have built up their own in-house BIM training programs, standards, knowledge-base and workflows. The Aidea team visited SIA on 11th June and shared their vision and approach regarding BIM implementation. Besides achieving productivity gains, the firm strongly believes that BIM will help Architects regain their leadership role. This is evident in their approach of incorporating structural and M&E elements into the Architectural Model. Aidea's eventual goal is to include other aspects of BIM like cost analysis, facility management and construction management.



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SINGAPORE INSTITUTE OF ARCHITECTS

2011/059/MS/JT

# REGISTRATION FORM

## BIM FOR Design & Productivity

- Friday, 08 July 2011  
- 2.15pm - 6.00pm  
- SIA THEATRETTE - LEVEL 1

(All seminar fees are inclusive of GST)

SIA Member	S\$ 30.00
BOA Registered Architects/ CIJC Member	S\$ 45.00
Non-Member	S\$ 60.00

Closing Date for Registration **07 July 2011**  
BOA-SIA CPD Accreditation **4 points**

### PARTICULARS

Name (as in Passport): \_\_\_\_\_

NRIC No: \_\_\_\_\_

Membership No: [ ] SIA \_\_\_\_\_

[ ] CIJC (Pls specify Institution) \_\_\_\_\_

[ ] BOA Reg No \_\_\_\_\_ [ ] Non-Member

Organisation: \_\_\_\_\_

Address: \_\_\_\_\_

Tel: \_\_\_\_\_ S ( )

HP: \_\_\_\_\_ Fax: \_\_\_\_\_

Email: \_\_\_\_\_

Contact Person: \_\_\_\_\_

Fees paid are non-refundable under all circumstances.  
Replacement of participant will be allowed only if written  
notification is made at least 3 days before  
the event.

Where a Non-Member replaces a Member (must be from the  
same organisation) the fee difference will have to be  
made good to SIA prior to the event.

### MULTIPLE REGISTRATION

NAME:

NRIC NO.

SIA/BOA NO.

ORG.

AMT:

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### PAYMENT OPTIONS

Please tick your payment mode:

#### [ ] By Cheque

Bank/Chq # : \_\_\_\_\_ Amt S\$: \_\_\_\_\_  
Local Cheque (must be drawn in Singapore) should be  
crossed and made payable to "Singapore Institute of  
Architects".

#### [ ] By Vouchers

Voucher # : \_\_\_\_\_ Amt S\$: \_\_\_\_\_

Please mail to:  
Singapore Institute of Architects  
79B Neil Road, Singapore 088904  
**Please indicate your name and company/institution (if  
any) and seminar date/title on the back of the cheque.**

#### [ ] By Cash

You can drop by the SIA office to make cash payment  
between 9.30 am - 5.30 pm on weekdays.  
Address:  
Singapore Institute of Architects  
79B Neil Road, Singapore 088904

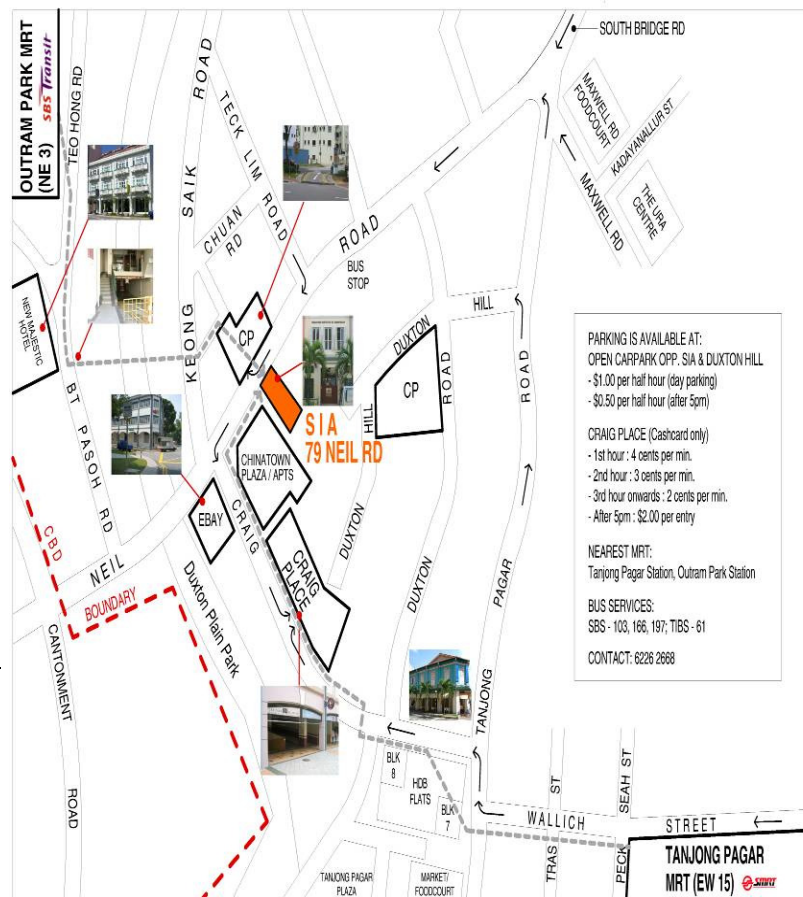
•All registration will be on a First-Come-First-Served basis and will  
be accepted upon receipt of registration form and payment to SIA.  
Registration by fax will only be confirmed upon receipt of payment.

Cheque payment for this activity should not be combined  
with payment for other SIA events/courses.

Registration Confirmation No.:-

For Enquiry (Ms Jacey Tay):  
Email: [cpd@sia.org.sg](mailto:cpd@sia.org.sg)  
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Tel: (65) 6226 2668

### LOCATION MAP



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