Converging Technologies on Quantity Surveying

19 March 2019 // 6.00pm—8.30pm // SMU

Chairperson

Khor Tse Eng
Council Member
Chairman, CPD Committee (SISV QS Div.)

Speakers

ADOPTING TECHNOLOGY FOR BETTER COST ADVICE

The landscape of the construction industry is undergoing a period of change. Quantity surveyors are feeling the pressure to meet demands to provide value-added services in times of increased competition and rapid change. BIM is now regarded as a part of a larger paradigm shift towards the adoption of digital technology as automated quantities technologies and BIM systems are revolutionizing current practices and automating the measurement of quantities from drawings. These systems have the potential to provide competitive advantages by increasing opportunities and lowering costs. They are also considered to be a challenge to the conventional QS services and other construction disciplines. This is a chance for us to broaden our involvement in projects, while improving upon our skill sets and traditional knowledge bases, with our responsibilities evolving from bill producers to cost advisors.

THE POSSIBLE EFFECT OF DIGITAL IN CONSTRUCTION TO THE COST ENGINEERING AND QUANTITY SURVEYING PROFESSION

The Cost Engineering and Quantity Surveying Profession has been established for a long time, even having biblical references on the profession. Digital in Construction, on the other hand, is a disrupter to the traditional practices of the professions. It is not only the process that will have to change, but the knowledge of Information Communication Technologies, social adoptions and the basic knowledge of how to use software and hardware and cope with its new processes, will have to be ingrained in the profession. Digital as a disrupter will change the way we work, the way we measure and the way we interact with design teams.

DESIGN FOR MANUFACTURING & ASSEMBLY PREFabricated PRE-Finished VOLUMETRIC CONSTRUCTION (DfMA – PPVC)

This session discusses on the key CITM initiatives and the implementation of the DfMA in particular Pre-fabricated Pre-finished Volumetric Construction (PPVC) in Singapore, which pushes for better integration between the design and construction stage. The constructability input by the builder needs to be considered by the designers during the design phase. It encourages the builder to involve in the project early through Early Contractors’ Involvement. It will share some of the key consideration from the procurement, contractual and cost perspective, which are considered for PPVC projects. As DfMA-PPVC differs from the traditional project as substantial amount of the work is undertaken off-site including overseas, there will be a need to look at the payment mechanism and also project insurance arrangement. Hence, such projects would provide an opportunity for the professional quantity surveyors to lead on this key aspect.

Accreditation:

SISV, QS Division & AIQS: 3 CPD Hours
PEB: Pending
SIA-BOA: Pending
SPM: Pending

Every QS Division Member (Fellows, Members, Probationers and Technical Members) must complete at least 20 CPD hours each year.

Our Sponsors:
## Converging Technologies on Quantity Surveying

### Seminar Schedule

19th March 2019 (Tuesday)

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>6.00pm</td>
<td>Registration / Networking of participants</td>
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<td>*Light dinner will be provided.</td>
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<tr>
<td>6.45pm</td>
<td>Welcome speech by CPD Chairman's Mr. Khor Tse Eng</td>
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<tr>
<td>6.50pm</td>
<td>Speaker: Mr. Silas Loh</td>
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<td>7.10pm</td>
<td>Speaker: Mr. Eugene Seah</td>
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<td>Topic: BIM - The Possible Effect of Digital in Construction to The Cost Engineering and Quantity Surveying Profession.</td>
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<td>7.30pm</td>
<td>Speaker: Mr. Khoo Sze Boon</td>
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<tr>
<td>7.50pm</td>
<td>Q&amp;A Session</td>
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<tr>
<td>8.30pm</td>
<td>End of event</td>
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Converging Technologies on Quantity Surveying

Date: 19 March 2019 (Tuesday)
Time: 6.00pm to 8.30pm (Registration starts at 6.00pm)
Venue: SMU, School of Economics/ School of Social Sciences, Seminar Rm 2.5

Fees/Category (includes GST, seminar notes and dinner)

- S$30  SISV members
- S$35  Staff of SISV Member Firms
- S$40  CIJC members (ACES, IES, REDAS, SCAL, SIA, SIBL, SPM) AIQS, BOA, IQSI, PEB, PICQS, PUJA, RICS, SCL, SGBC
- S$45  Non Members
- S$15  SISV Student Members and Full time Students

Name of Participants

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<tr>
<th>Name</th>
<th>NRIC No</th>
<th>Category / Membership No.*</th>
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TOTAL AMOUNT PAYABLE S$

*Dietary Preference □ Vegetarian □ Non-Vegetarian

Company …………………………………………………………………………………………………………………………………………

Address ………………………………………………………………………………………………………………………………………

Tel ………………………………… Contact Person ……………………………………………………………………………

Fax ………………………………… Email ……………………………………………………………………………

I hereby consent to SISV and/or its Divisions collecting, using, disclosing and/or processing my personal data for purposes of its membership administration and its events marketing.

PAYMENT MODE (please tick one box only)

☐ Via ibanking/Bank transfer. Details as follows: DBS current account no: 007 005007 0. Please include the event title or "QS19319_your initials" when transferring

☐ By Cheque (Bank/Cheque No ……………………………………………………………………… Amt S$………………)

Crested cheque payable to "Singapore Institute of Surveyors and Valuers". Please indicate your name, company and date of seminar on the back of the cheque and mail it to: 110 Middle Road, #09-00 Chiat Hong Building, Singapore 188968

Notes

Registration is on a first-come-first-served basis. Registration by fax or email will only be accepted upon receipt of payment. Confirmation of registration will be given via email or fax. No cancellation is allowed once registration is confirmed.

Fees paid are not refundable under any circumstances. This will also apply to participants who are unable to attend on that day. However, substitution can be made in writing at least 3 days before the seminar. In the case of a non-member substituting a member, the non-member will have to pay the fee difference.

SISV reserves the rights to change the programme or cancel the seminar as may be necessary. Every effort will be made to inform participants in the seminar of any cancellation and full refund will be made to participants.

For seminar enquiries and registrations, please contact: Emmeline/ ☎️: 64240286 ☏️: emmeline.chen@sisv.org.sg George ☎️: 64240287 ☏️: qs.admin@sisv.org.sg

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