

Session 1: DfMA in construction: The way forward Session 2: Designing and Building with Mass Engineered Timber

Chairperson



<u>Lee Keng Seng</u>
<u>Honorary Treasurer</u>
<u>Singapore Institute of Surveyors and Valuers</u>

Speakers



Ramamoorthy Rajendran
Director, Technology and Capability
Building and Construction Authority
(BCA)



Serena Yap Technical Director Aurecon

Synopsis:

Session 1: DfMA in construction: The way forward

Design for Manufacturing and Assembly (DfMA) approach transforms the way we design and construct buildings and infrastructures. The DfMA continuum includes impactful prefabrication technologies such as Prefabricated and Prefinished Volumetric Construction (PPVC), Mass Engineered Timber (MET), Advanced Precast Concrete Systems (APCS), Structural Steel, as well as prefabricated Mechanical, Electrical and Plumbing (MEP) systems.

An upstream consideration in the DfMA practise would reduce construction time and achieve better end result. The speaker will share government initiatives for adopting DfMA systems in Singapore projects. He will also share the experiences from the early DfMA projects.

Session 2: Designing and Building with Mass Engineered Timber

- Sustainability and productivity benefits using timber as illustrated with NTU's timber academic building.
- Design considerations during conceptualization and development stages for architects and engineers.
- Construction and technological considerations for contractors.

Accreditation:

SISV, QS Division & AIQS:

21 September 2018 (Friday)

2.00pm — 5.30pm

Level 2, York Hotel

Carlton Hall,

4 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.

Certificate of Attendance

A Certificate of Attendance will be awarded upon successful completion of the seminar.

Our Sponsors:

















We offer group discounts: 5% discount for Group of 3 to 6 8% discount for Group of 7 or more

(Session 1) DfMA in construction : The way forward (Session 2) Designing and Building with Mass Engineered Timber

Date: 21 September 2018 (Friday)

Time: 2.00pm to 5.30pm (Registration starts at 1.30pm)

Venue: Carlton Hall, Level 2, York Hotel, 21 Mount Elizabeth S(228516)

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

★ S\$75 SISV members

★ S\$85 Staff of SISV Member Firms

* S\$95 CIJC members (ACES, IES, REDAS, SCAL, SIA, SIBL, SPM) AIQS, BOA, IQSI, PEB, PICQS,

PUJA, RICS, SCL, SGBC

★ S\$130 Non Members

★ S\$15 SISV Student Members and Full time Students

Name of Participants

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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:

Dina	2 : 64240286	
Nad	2 : 64240287	☑ : qs.admin@sisv.org.sg

FOR OFFICIAL USE

Receipt No



^{**}Car park coupons are available at a discount rate of \$4.00 a piece for the afternoon.