

SIA EVENT:

Tropical facades – Design vs. Performance

Over decades of evolution, “Glass” has become a ubiquitous material for buildings in Singapore.

With the advent of green mark and the tightening of facade ETTV requirements, a lot of attempt is currently made to tighten the glazing specifications which in turn increases the building construction budget.

Given that both glass and ETTV are not new to Singapore, the question is are we on the right track? Is 40 W/m2 ETTV a stiff target? What role does an architect play in designing facades to performance? Is going for “Green glazing specifications” the only solution to tropical facade design?



Dr Uma is currently heading the sustainability unit as the Vice President of Jurong Consultants, Singapore. He is the President Elect of the ASHRAE Singapore Chapter and had been a Total Building Performance Consultant to a number of iconic projects in Singapore, Malaysia, Taiwan, China and others. He has been a sustainable consultant

to a number of projects in the Tianjin Eco city project including the landmark building. He is instrumental in creating the ETTV/RETV tool add on to REVIT architecture named Helios, an architect's tool for computing tropical façade heat gains.

He is involved in a number of applied research projects including “Cool and green schools” test bedding Phase change materials in collaboration with the Ministry of Education. He has been a collaborator in the design of the Zero Energy Building, Singapore. His specialization includes development and application of building performance simulation tools and tropical facade design.

EVENT DETAILS

Date : 16 April 2013, Tuesday
Time : 2.00pm - 4.00pm
(Registration will start from 1.30pm onwards with refreshment)
Venue : Singapore Institute of Architects
SIA Theatre Level 1
79 Neil Road (S) 088904
BOA-SIA CPD : 4 CPD points
Seminar fees : SIA Members (\$50.00),
Non Members (\$100.00)
(fees inclusive of GST)
Closing date : 11 April 2013

PROGRAMME SCHEDULE

1.30pm Registration with Light Refreshment
2.00pm Presentation by **Dr Uma Maheswaran**
3.30pm Q & A
4.00pm End of event

For more information, please contact SIA (**Ms Jacey Tay**):

Tel: (65) 6226 2668

Fax: (65) 6226 2663

Email: cpd@sia.org.sg

Organised by:



CPD PROGRAMME: 2013/025/MS/JT

GST REG. NO.: M9-0001281-J
G.N. No. 565 in Gazette No. 27

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Please fax / email the completed registration form to Ms Jacey Tay:

Tel: (65) 6226 2668

Fax: (65) 6226 2663

Email: cpd@sia.org.sg

And follow up with cheque / cash / online payment to Singapore Institute of Architects.

Please tick your mode of payment:

☐ By Cheque

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

Mail to SIA address:

Singapore Institute of Architects
 79B Neil Road, Singapore 088904

Please indicate your name, company/institution and course date/title on the back of the cheque.

☐ By Cash

You can drop by SIA office to make cash payment between
 9.30am – 5.30pm on weekdays.

☐ By Online Paymenthttp://www.sia.org.sg/payment/sia_20130416.html

(It is mandatory to provide us with your Receipt ID # after your credit card payment transaction)

Receipt ID #: - - -

Participant's Detail

Organization: _____ Contact Person (if any): _____

Tel: _____ Fax: _____ Email: _____

Receipt Mailing Address: _____

_____ S ()

Full Name of Participant

(as per NRIC / FIN, pls underline surname)

NRIC / FIN #

Email

Amt

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**Please take note that all the above fields are mandatory. Incomplete form
 will not be process.

Total:

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

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 Org.) the fee difference will have to be made good to SIA prior to the event

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.

Registration Confirmation No.:-

