

CPD



Canada

A seminar jointly  
organised by Singapore  
Institute of Architects and  
RWDI and supported by the  
High Commission of  
Canada to Singapore

PROGRAMME

# WIND ENGINEERING: ACHIEVING SAFE, COMFORTABLE AND SUSTAINABLE BUILDINGS IN SE ASIA

**Date** : 16 February 2012, Thursday  
**Venue** : Singapore Institute of Architects  
SIA Theatre - Level 1  
79 Neil Road, Singapore 088904  
**Time** : 7.00PM - 9.00PM

## PROGRAMME

6.30pm	Registration with Light Refreshment
7.00pm	Presentation by Mr Mark Chatten, P.E.
9.00pm	End of Event

SIA Member	Complimentary
BOA Registered Architects/ CIJC Member	S\$ 35.00
Non-Member	S\$ 45.00

Registration on First-Come-First-Serve Basis

BOA-SIA CPD Accreditation

3 points

## SYNOPSIS

## An international best practice perspective into the opportunities and challenges associated with designing buildings for the effects of wind

Recent economic trends in SE Asia, combined with the creative potential of new design tools such as BIM and 3D CAD, is unleashing a wave of new buildings that have increasingly bold and tall architectural forms. Only a decade ago sustainable "green" developments, slender tall towers and mid-rise buildings with complex geometry were still considered unusual; now such designs are becoming the norm. As client's expectations shift it is necessary for both the architect and design team to keep pace and ensure the performance, safety, comfort and economy factoring in both the opportunities and challenges associated with the wind environment.

Leveraging RWDI's 40 years of consulting experience, and a decade of personal professional practice as a wind engineer, Mark will highlight both the opportunities and challenges for architects associated with designing buildings for the wind – drawing upon guidance and limitations of the buildings codes, as well as international best practices. Although targeted to an architectural audience, the seminar will also benefit developers, landscape architects, structural and mechanical engineers.

## PRESENTER'S PROFILE

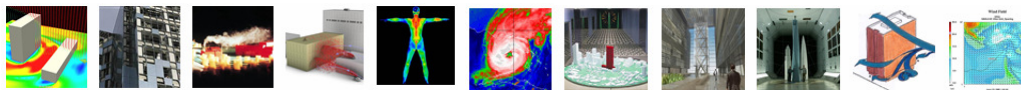
### MARK P. CHATTEN, P.E. - Project Director / Consultant

Mark is a Consultant with RWDI whose experience with the company dates back to 2001. Mark is currently a Project Director in RWDI's Office in Shanghai responsible for projects and clients in South-east Asia. His experience includes project management and engineering consulting for a wide range of RWDI's multi disciplinary services including outdoor human comfort, wind engineering, sustainable master plan design, supplementary damping systems and structural dynamics. Mark has a Masters Degree In Civil Engineering from London's Imperial College and is a licensed Professional Engineer in New York, Florida & Ontario and a Chartered Professional Engineer in the UK. <http://www.linkedin.com/in/markpchaten>



### RWDI

RWDI is an international wind engineering and specialist building science consultancy, whose portfolio of experience includes many landmark buildings worldwide including the Burj Khalifa, Petronas Towers, Taipei 101, Masdar Eco-City and in Singapore the Esplanade Theatres and Gardens on the Bay. With over 300 employees and 9 offices worldwide, RWDI's expert consultants help owners and the design team create comfortable environments and high performance buildings by maximizing the synergies between built forms and local climate characteristics. <http://www.rwdi.com>



CPD PROGRAMME

SINGAPORE INSTITUTE OF ARCHITECTS

2012/006/MS/JT

## REGISTRATION FORM

**SIA/RWDI: WIND ENGINEERING: ACHIEVING SAFE, COMFORTABLE AND SUSTAINABLE BUILDINGS IN SE ASIA**

**-16 February 2012, Thursday**

**-7.00pm - 9.00pm**

**-SIA Theatre Level 1 (79 Neil Road)**

(All seminar fees are inclusive of GST)

* SIA Member	Complimentary
BOA Registered Architects/	S\$ 35.00
CIJC Member	
Non-Member	S\$ 45.00

\* For SIA Members whose registrations have been confirmed, attendance is compulsory. Absentee/Cancellations 3 days or less before the event will be charged at \$20.00. Verbal notification of cancellation is not acceptable.

Closing Date for Registration	<b>13 Feb 2012</b>
BOA-SIA CPD Accreditation	<b>3 points</b>

## 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:
1. _____				
2. _____				
3. _____				
4. _____				
5. _____				
6. _____				
7. _____				

## 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".

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

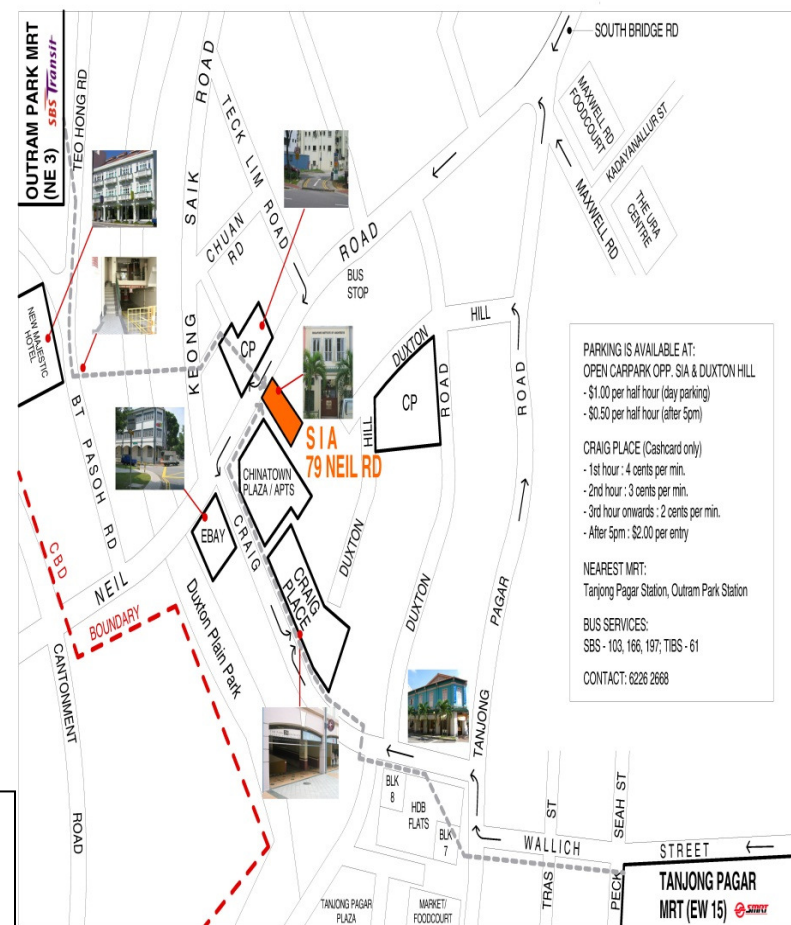
•All registration will be on a **First-Come-First-Served** basis and will be accepted **upon receipt of both registration form and payment to SIA.** Registration by fax will only be confirmed **upon receipt of payment.**

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

## Registration Confirmation No:-

For Enquiry (Ms Jacey Tay):  
Tel: (65) 6226 2668  
Fax: (65) 6226 2663  
Email: cpd@sia.org.sg

## LOCATION MAP



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