



## SIA Professional Knowledge Series: Building with Glass: Aesthetics and Functions

*Using glass is one of the biggest trends in modern architecture today. It is a symbol of the modern world, with newer buildings consistently featuring glass on their façades. However, are we fully equipped with the proper knowledge when it comes to glass as a building material? Hear from 5 industry experts as they share their insights on the glass scene today. There will also be a tea reception, for you to network with fellow architects and glass industry experts.*

### Topics' synopsis

#### **Contemporary Façade Architecture: Stephen Weidner, NSG Group**

*The presentation will discuss the evolution of the exterior glass façade from a static structure to a dynamic design. The static façade offers protection from the elements with transparency allowing light to be transmitted into the structure as well as visibility into and out of the structure. A dynamic façade offers the same protection, transparency and light transmittance of the static façade, but it also offers the ability of the façade to change certain attributes to provide additional functionality.*

#### **Insulated Glass: Mak Kwan Hoong, Bystronic**

*Insulated Glass has always been the option to go for when one requires glass that insulates against heat and sound. Learn more about the components that make up an insulated glass, and find out how it insulates a building in Mak's talk.*

#### **Trending Glass Types to Use in Your Projects: Gary Lee, SSG**

*Glass as a building material and for interior designing has gained much traction in today's modern world. Gary will touch on some of the trending glass types that are being used for interior usage as well as some eco-friendly glass you can see in the market these days.*

#### **Dynamic Thermochromic Windows - Energy Saving Windows Made Simple: Dr Harlan Byker, Pleotint**

*One of the newer technologies with windows today is the thermochromic technology. Dr Byker will explain how this technology gives an unprecedented level of comfort to users of a building, while at the same time saving energy and providing natural daylighting.*

#### **Advances in Laminated Glass: Christoph Troska, Kuraray**

*There are a growing number of interlayers for laminated glass aimed at meeting the evolving needs of architects and specifiers, which can get quite difficult to understand given the variety of interlayers available. Christoph Troska will shed some light on the different types of interlayers and the different applications they have been developed for.*

### EVENT DETAILS

Date : 06 April 2016, Wednesday  
Time : 9.20am - 1.00pm  
(Registration will start from 9.00am onwards)  
Venue : 52 Jurong Gateway Road, Level 6, JEM Office Tower, Singapore 608550  
BOA-SIA CPD : 2 CPD points  
Seminar fees : SIA Members\* (Complimentary),  
Non Members (\$70.00)  
(fees inclusive of GST)  
Closing date : 31 March 2016

\* 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.

\*\* Registration for attendance of seminar shall be closed 30 mins after the seminar commences.

### PROGRAMME SCHEDULE

9.00am	Registration
9.20am	Opening Address
9.30am	Contemporary Façade Architecture Presented by <b>NSG Group</b>
10.00am	Insulated glass Presented by <b>Bystronic</b>
10.30am	Trending Glass Types to Use In Your Projects Presented by <b>SSG</b>
11.00am	Tea Reception + Product Showcase
11.40am	Dynamic Thermochromic Windows - Energy Saving Windows Made Simple Presented by <b>Pleotint</b>
12.10pm	Advances in Laminated Glass Presented by <b>Kuraray</b>
12.40pm	Panel discussion/Q&A session
1.00pm	End of event

Jointly Organized by:



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

Tel: (65) 6226 2668  
Fax: (65) 6226 2663  
Email: cpd@sia.org.sg

CPD PROGRAMME: 2016/026/MS/JT

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

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## Speakers' profiles



### **Stephen Weidner**

*Stephen has spent 35+ years in the glass business in both automotive and building products. He joined Pilkington Building Products Group in 1988. In his long career he has held a number of senior Production and Commercial positions and now holds the position of Vice President and Global Coatings Director. Over the years, he has fostered strong links between the company and its heritage and tradition with the rest of the industry. He holds a number of glass technology related patents.*



### **Mak Kwan Hoong**

*Mr KH Mak is the Managing Director of Bystronic Asia Pte Ltd, a subsidiary of a Swiss Multi National Company supplying Glass Processing Machinery. Mr Mak has more than 10 years' experience in the Glass Industry, specializing in automotive glass process and Insulating glass processing machinery. He is responsible for providing support in the Asia Pacific region. He assists and advises customers on a consulting basis, in the designing of their requirements for factory line production.*



### **Gary Lee**

*With 6 years of experience in the glass industry, Mr Gary Lee is now taking the helm of the Business Development department in Singapore Safety Glass (SSG). He is constantly working on projects across different countries and consistently pioneering business development projects in new markets. Some of the projects he has undertaken include the Salt Lake City Court House, and Singapore's very own 1000th Green Mark project Pasir Ris Sports Complex which achieved the BCA Green Mark GoldPlus.*



### **Dr Harlan Byker**

*Dr Harlan Byker is an expert in chromogenic materials including thermochromic, electrochromic and photochromic materials. Dr Byker is the sole inventor of the chemistry portion of the world's only commercially successful electrochromic device; the auto-dimming rear-view mirror for motor vehicles. He is also a co-founder of Pleotint LLC and a lead inventor of the thermochromic technology of the Suntuitive interlayer.*



### **Christoph Troska**

*Christoph Troska has accumulated 15 years of experience in the glass industry, and is currently Kuraray's Global Architecture Segment Manager. He studied physics and thin film coatings, and specializes in the interlayers used to create certain glass products.*

# Application Form

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Verbal notification of cancellation is not acceptable.

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

Tel: (65) 6226 2668

Fax: (65) 6226 2663

Email: [cpd@sia.org.sg](mailto:cpd@sia.org.sg)

[EDU]

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

Please tick your mode of payment:

### [ ] 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.

### [ ] Cash

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

### [ ] Online Payment

<http://members.sia.org.sg/payment/sia-20160406.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: \_\_\_\_\_

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	Full Name of Participant (as per NRIC/FIN, pls underline surname)	NRIC / FIN #	Email	Amt
1				
	HP #: <input type="checkbox"/> SIA Member, SIA #: [ ] <input type="checkbox"/> Non Member, BOA # (if any): [ ]			
2				
	HP #: <input type="checkbox"/> SIA Member, SIA #: [ ] <input type="checkbox"/> Non Member, BOA # (if any): [ ]			
3				
	HP #: <input type="checkbox"/> SIA Member, SIA #: [ ] <input type="checkbox"/> Non Member, BOA # (if any): [ ]			
4				
	HP #: <input type="checkbox"/> SIA Member, SIA #: [ ] <input type="checkbox"/> Non Member, BOA # (if any): [ ]			
5				
	HP #: <input type="checkbox"/> SIA Member, SIA #: [ ] <input type="checkbox"/> Non Member, BOA # (if any): [ ]			
				<b>Total:</b>

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

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 for attendance of seminar shall be closed 30 mins after the seminar commences.

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.:-

