



2<sup>nd</sup> Symposium  
*Advanced Facade Engineering and Technology 2010*

Organized by

*The Hong Kong Institute of Steel Construction*

Sponsored by

*Joint Structural Division of The Hong Kong Institution of Engineers*

*Building Division of The Hong Kong Institution of Engineers*

*The Chartered Institution of Building Services Engineers, Hong Kong Branch*

*Society of Facade Engineering*

*The Hong Kong Façade Association*

*Ove Arup & Partners Hong Kong Ltd*

<b>Date:</b>	28 May 2010 (Friday)
<b>Venue:</b>	Academy Room, InterContinental Grand Stanford Hotel, TST East, Hong Kong
<b>Time:</b>	8:45 am (registration) for 9:00 am to 5:30 pm

**Scope and Objectives**

In sequel to the successful 1<sup>st</sup> symposium of Advanced Façade Engineering and Technology in 2006, this 2<sup>nd</sup> symposium is organized after 4 years of practice and research in this specialist field of engineering. Over the years, building facades have evolved from being a simple weatherproofing shield to an interactive skin encompassing many other functions covering areas such as energy conservation, sustainability and multi-media. This symposium gathers experts from the various aspects of facade engineering to share the latest technology in the design and construction of building facades. The insight into the design, fabrication and maintenance of modern-day facade systems would be of interest to all facade engineering and building industry professionals including architects, developers, consultants, engineers, surveyors, builders, contractors and product suppliers.

**Official Language**

English will be the official language of the Symposium for both oral and written presentation.

**Fees & Registration**

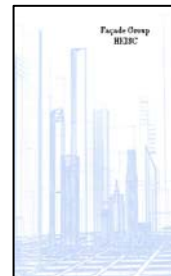
The registration fee includes a copy of the proceedings, a copy of CPD certificate, 2 tea refreshments and lunch in the InterContinental Grand Stanford Hotel.

Regular Registration: **HK\$ 950** each for **HKISC / HKFA / HKIE / CIBSE** Members;  
**HK\$1,100** each for non-members.

Group Registration: **HK\$ 950** each for group registration of at least **5** people

**CPD Certificates** This seminar is recommended for **ONE** CPD day. An attendance certificate will be issued.

Please send the completed registration form with registration fee to <b>Mr. Sam Chan</b> , HKISC, c/o TU743, Department of Civil and Structural Engineering, The Hong Kong Polytechnic University, Hung Hom, Kowloon by <b>14 May 2010</b> (Tel: 852-34003965, Fax No.: 852-2334 6389). You can download this form on HKISC web ( <a href="http://www.hkisc.org">http://www.hkisc.org</a> ). For technical information, please contact Ir Prof. S.L. Chan at 2766 6047.
---



**2<sup>nd</sup> Symposium**  
**Advanced Facade Engineering and Technology 2010**

Organized by

*The Hong Kong Institute of Steel Construction*

Sponsored by

*Joint Structural Division of The Hong Kong Institution of Engineers*

*Building Division of The Hong Kong Institution of Engineers*

*The Chartered Institution of Building Services Engineers, Hong Kong Branch*

*Society of Facade Engineering*

*The Hong Kong Façade Association*

*Ove Arup & Partners Hong Kong Ltd*

**Date:** 28 May 2010 (Friday)  
**Venue:** Academy Room, InterContinental Grand Stanford Hotel, TST East, Hong Kong  
**Time:** 8:45 am (registration) for 9:00 am to 5:30 pm

**REGISTRATION FORM**

***(To be replied on or before 14 May 2010)***

Please follow the 2 steps registration procedure:

1. Fax the completed registration form to Mr. Sam Chan (Fax: 852-2334 6389) for preliminary registration.
2. Post the completed registration form together with a crossed cheque payable to **Hong Kong Institute of Steel Construction Limited** to Mr. Sam Chan, HKISC c/o Room TU743, Department of Civil and Structural Engineering, The Hong Kong Polytechnic University, Hunghom, Kowloon, Hong Kong, China on or before 14 May 2010.

**To: Mr. Sam Chan** **Fax: 852- 2334 6389**

**A. Personal Details:**

Title	Name in full (Block Letter)	Name of Company	Tel. (or Fax)	E-mail address
1.				
2.				
3.				
4.				
5.				

Postal Address

(for official receipt):

**B. Registration Details:**

Item	Registration Fee	Total no. of registration	Sub-total
1. Regular registration (Member*price)	HK\$ 950 each x	_____ person(s)	= HK\$ _____
2. Regular registration (Non-member*price)	HK\$ 1,100 each x	_____ person(s)	= HK\$ _____
3. Group registration (at least <u>5</u> people)	HK\$ 950 each x	_____ person(s)	= HK\$ _____
<b>Total amount:</b>			<b>HK\$</b>

**Note:** The registration fee includes a copy of proceedings, CPD certificate, 2 tea refreshment and lunch.

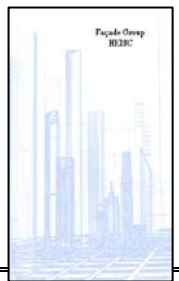
\*HKISC, HKFA, HKIE or CIBSE member

I enclosed a crossed cheque (cheque no. \_\_\_\_\_) with the sum of HK\$ \_\_\_\_\_ for the registration fee of the captioned Seminar.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**CPD Certificates of Attendance** Please tick the appropriate box to indicate your choice:

Yes, I/ we would like to have CPD certificate(s).  Not request for certificate(s).



**Advanced Facade Engineering and Technology 2010**

**Date:** 28 May 2010 (Friday)  
**Venue:** Academy Room, InterContinental Grand Stanford Hotel, TST East, Hong Kong  
**Time:** 8:45 am (registration) for 9:00 am to 5:30 pm

Time	Program	Session Chairmen
08:45 am	<b>Registration</b>	
09:05 am	Welcoming Speech <b>Ir Dr. Andy Lee, Chairman of Facade Group, HKISC</b>	Ir CK Lau Chairman of JSD, HKIE & Sun Hung Kai Properties Limited
09:15 am	Opening Speech <b>Ir Dr. Andrew Chan President of HKIE &amp; Chairman of Hong Kong Green Building Council</b>	
<b>Lecture 1</b> 09:30 am	Design and Installation of Glass Facade <b>Ir Dr. CM Koon, Deputy -Chairman, JSD</b>	
<b>Lecture 2</b> 09:55 am	Façade Engineering and the Design Team of the Future <b>Dr. Mikkel Kragh, ARUP</b>	
<b>Lecture 3</b> 10:20 am	Living, Breathing, Thinking Facades for the 21st Century Cyberecture <b>Mr. James Law, James Law Cyberecture International</b>	
10:45 am	<b>Tea Break</b>	
<b>Lecture 4</b> 11:30 am	Designing high-performance facade for sustainable building <b>Ir Dr. Vincent Cheng, ARUP</b>	Ir Dr. WT Chan Buildings Department
<b>Lecture 5</b> 11:55 am	SSG – An Advanced Glazing System to Build a Safe and Green Building Facades <b>Mr. Jerry Ma, Dow Corning</b>	
<b>Lecture 6</b> 12:20 pm	Non-linear Analysis and Design of Membrane Structures <b>Ir Prof. SL Chan &amp; Dr. Z.H. Zhou, HKPolyU</b>	
12:45 pm	<b>Lunch</b>	
<b>Lecture 7</b> 14:00 pm	Design of Modern-day Multi-media Facades <b>Mr. Sam Tsoi, ARUP</b>	Dr. Dominic Yu Alpha Consulting Limited
<b>Lecture 8</b> 14:25 pm	Consideration of Curtainwall Thermal Performance between East & West <b>Ms. Liao Zhi Hong, Permasteelisa</b>	
<b>Lecture 9</b> 14:50 pm	New Age Curtain Wall Types <b>Mr. Gerald Hartl, Shenyang Yuanda</b>	
15:15 pm	<b>Tea Break</b>	
<b>Lecture 10</b> 15:45 pm	Architectural Powder Coatings; a Sustainable Solution <b>Mr. Jean-Paul Moonen, Akzo Nobel</b>	Ir S.M. Pang Genetron Engineering Co. Limited
<b>Lecture 11</b> 16:10 pm	Extruding into the Future <b>Mr David King, AsiaAlum Holdings Ltd</b>	
<b>Lecture 12</b> 16:35 pm	Variability of Cladding Pressures caused by Existing and Unsheltered Surroundings <b>Ir Dr. Alex To, ARUP &amp; Ir Prof. KM Lam, HKU</b>	
17:15 pm	Closing Speech <b>Ir Professor Paul Pang, HKIE Council Member; Past Chairman of Joint Structural Division of HKIE and IStructE</b>	
17:30 pm	<b>End</b>	