

Uncover the Skin of Modern Architecture

2006/2007 Special Lecture

Date: 13 October 2006

Time: 6.30 pm

Venue: LT 13, NUS Theatre,
Arts and Social Sciences,
National University of
Singapore

Guest Speaker: Kelvin Kan

CPD Points: 2



It is noted that more and more unusual designs have emerged in the Architectural world.

Such "landmarks or iconic" buildings are setting the "trend" of architectural design both around the region and worldwide.

It is not surprising and somewhat "natural" that such buildings are often used as images during Client presentations to convince all involved that "it's possible" and could be the "talk of the town" etc....

Such buildings when properly designed and executed, tends to reward itself in many ways...!

So how are they achieved and can any Architects do it?

In this talk, I will try to "Uncover the Skin of Modern Architecture" phenomena and have an insight view of what are needed during the whole process from concept design to completion stage of the works.

What is the role of the Architects and how his dreams can be realised? I will try to relate this by unveiling a selection of completed projects and others under construction.

Key Words / Statements:

The process of Design from Inception to Completion;

The Architects Work Stages from Scheme Design to Completion;

Design for efficiency, buildability and safety.

The practicality aspects and requirements of design.

Materials, esp.. glass and design considerations

Importance of Testing - Testing, Fabrication and Installation

Kelvin Kan graduated in 1987 from University of Dundee and obtained his MSc Construction in Management in 1992 from London's Kingston University after working for Lifschutz Davidson Design and Richard Rogers + Partners. Kelvin's interests are in architectural design and details. For his RIBA thesis, Kelvin worked on London's *Thames Wharf Studios* involving in the design of the "Envelope Package" incorporating external "sail" blinds.

Since 1993, Kelvin has worked with some major local architectural practices. In 1999, Kelvin ventured into the glass industry with a D&B glass wall company and completed various frameless glass structures around the region using some of the components and fittings designed by him.

Joining Arup Façade Engineering in 2003 and chairing the GlassTech Asia Conferences, Kelvin has gained significant knowledge and experience within the glass and façade industries. With his architectural training, Kelvin is able to integrate façade designs with Architectural requirements. This unusual hybrid of knowledge enables him to "bridge" the design, technical performance and other requirements. Kelvin has also given talks in NUS and the Polytechnic and fellow professionals on various "Structural Glass Wall" or "Façade Designs" and a Guest Examiner to the Singapore Polytechnic School of Architecture.

This lecture is jointly organised by the
Department of Architecture,
The Singapore Institute of Architects
and The Architecture Society.

For further inquiries please call 6516 5186