



Department of Civil & Environmental Engineering
The Hong Kong Polytechnic University



香港
鋼結構學會
Hong Kong Institute of
Steel Construction

One of *HKISC-YMG Technical Seminar Series*:

3D *Freehand Sketching for Engineers*

on *Wednesday, 7 August 2013*

by *Ir. Kien Hoang*

~ *Free From Computer Software Slavery* ~
~ *Free From Dull and Bewildering 2D Sketch* ~
~ *Illustrate and Fortify Your Idea in 3D Perspective* ~

Venue:	Room N001, The Hong Kong Polytechnic University, Hung Hom, Kowloon
Time:	6:15pm (registration) for 6:30 pm to 8:00 pm

About the Seminar

3D sketch is one of the most straightforward and efficient design communication language when complexity of structure and details cannot be comprehended by reading from pages of 2D sketches. Visualizing the object in 3D perspective enables the designer to capture the hidden information that 2D sketches hardly can provide. This seminar will introduce the skill of making 3D freehand sketches and its application in your engineering work.

Ir. Kien Hoang has a long-standing interest in graphic design and sketching. The content of this seminar has been adapted from the 3D freehand sketching course ran as part of Buro Happold's internal training program since 2003, and also given as part of the Creative Engineering module at Imperial College in London.

About the Speaker

Ir. Kien Hoang is a chartered structural engineer with 12 years' experience. He has worked for Buro Happold since graduating from Cambridge University in 2001, first in the London office and subsequently in the Hong Kong office from 2009.

Kien has been involved in the design of both buildings and bridges, with projects including the Pyramid of Peace in Kazakhstan, Winspear Opera House in Dallas, the Ponte della Musica (Bridge of Music) in Rome, Alexandra Arch in Singapore, and the concept design phase of the London 2012 Olympics Park. Kien's experience in Hong Kong includes the West Kowloon Terminus and the winning scheme for the Zhuhai Huafa bridge competition (a collaboration between Buro Happold and 10 Design Architects).

Official Language English will be the official language.

CPD Certificates This seminar is recommended for **1.5** CPD hours. Attendance certificate will be issued.

Free attendance but places are limited and priority will be given to Young Members Group (HKISC) members. Please send the completed [standard registration form](http://www.hkisc.org/announcement/Standard%20Registration%20Form.doc) (<http://www.hkisc.org/announcement/Standard%20Registration%20Form.doc>) to **Miss Heidi Po**, by **12:00 noon, 31st Jul 2013** through by: ymg@hkisc.org. For more information, please contact Dr. Alfred Fong at [2601-9810](tel:2601-9810)