

# BRE

## DISTINGUISHED LECTURE

### “SUPPLY AND DEMAND OF PRECAST CONCRETE FAÇADE IN HONG KONG PROPERTY MARKET”

**DATE:** 12 March 2014 (Wednesday)

**TIME:** 6:30pm - 8:00p  
(Registration from 6:00pm)

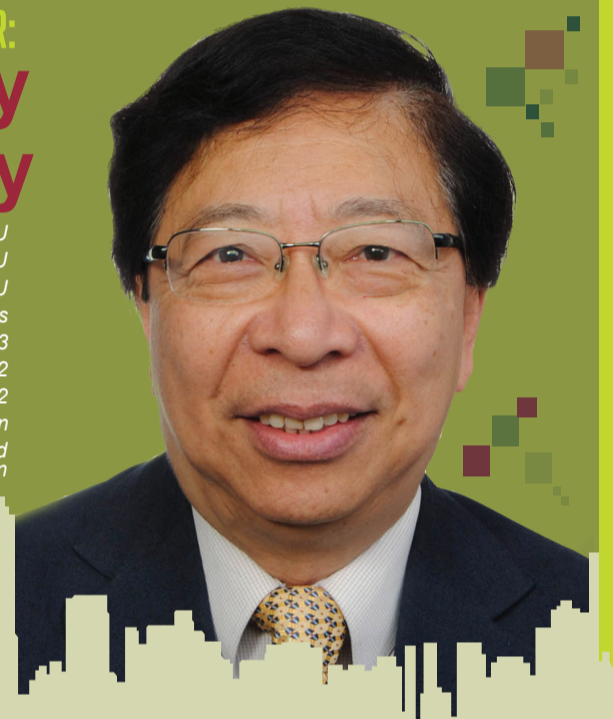
**VENUE:** Senate Room, 16/F, Li Ka Shing Tower,  
HKPolyU, Hung Hom, Kowloon

**FEE:** Free of Charge  
(Priority will go to BRE Students and Alumni)

**SPEAKER:**

**Ir Prof. Johnny  
Fan Siu Kay**

*Fellow, PolyU  
Council Member, PolyU  
Court Ex-officio Member, PolyU  
President, the Federation of Alumni Associations  
Awardee, the Outstanding PolyU Alumni Award 2013  
Awardee, the Outstanding BRE Alumni Award 2012  
Awardee, the Outstanding CSE Alumni Award 2012  
Former President, the PolyU Building Association  
Founding President, the PolyU Civil and  
Structural Engineering Association*



#### SYNOPSIS:

Precast Concrete Elements ( Façade, stair, external walls etc.) has been adopted in Hong Kong housing development since the 90's by the Hong Kong Housing Authority with a view to improve the quality of external tile finishes and water proofing around the windows. Upon the introduction of 'Green Building' Policy by the Buildings Department in 2004, demand for precast façade, bay window façade, balcony and external wall panel are increasing in the private sector property market as the result of the granting of 30% GFA exemption concessions.

The demand for precast façade has increased in the past 10 years due to the return of the property market after 2008. New precast concrete factories has been set up and expanded in Mainland China to cater for the current market. In the latest Chief Executive Policy Address 2014, it is announced that new target of 470,000 units would be provided in the coming ten years with public housing accounting for 60%. Such new target would definitely affect the supply and demand of the façade in the precast façade industry. Immediate detailed planning is required.

#### SPEAKER:

Ir Prof. Johnny Fan Siu Kay graduated from the Hong Kong Technical College, with a Higher Diploma from the Buildings Department in Structural Engineering in 1972. He completed his BSc in civil engineering and MSc in structural engineering at City University in London. Ir. Prof. Fan is currently the Director of WMKY Architects Engineers Ltd and is a leading expert in Hong Kong in precast façade engineering.

Ir. Prof. Fan who has worked in the precast concrete and façade industry for over 25 years would like to share his experiences in the precast façade industry particularly related to:

- Background history and development both in the Public Housing and Private Housing Sector
- Market situation both short term and long term
- Current supply situation from both Mainland China and Hong Kong
- Brief cost analysis including labour, transportation, direct and indirect cost
- Impact to the façade manufacturing industry due to the increase in demand at target 470,000 units in the coming ten years.

Ir. Prof. Fan who has been working in the precast concrete for more than 25 years, gained extensive experience in (i) setting up of precast concrete factories both in Hong Kong and Mainland China, (ii) Setting up specification, quality control and Q.A. Management and (iii) Design, fabrication ,production and application of precast elements including façade, bay window façade, lost form, balcony and drywall system.

Ir. Fan has also been devotedly contributing his professional knowledge to the development of his alma mater. Since the 80s, he has been a key member of the PolyU Building Association providing a valuable platform between alumni and students in the construction industry.

**ALL INTERESTED ARE WELCOME.**

Please reserve your seat at [http://www.bre.polyu.edu.hk/e\\_registration/20140312.htm](http://www.bre.polyu.edu.hk/e_registration/20140312.htm)

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