

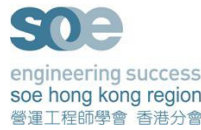
Organizer:



Co-organizers:



Supporting Organizations:



## **Technical Seminar on Green Design of CIC Zero-Carbon Building**

Date : 27 August 2012 (Monday)

Time : 7:00 – 9:00pm (Registration will start at 6:30pm)

Venue : N002, The Hong Kong Polytechnic University, Hung Hom

### Background:

In order to combat the increasing pressure from climate change, the Hong Kong Government has proposed targets for greenhouse gas (GHG) emissions reduction. With vision to promote low carbon building design and technologies, the Construction Industry Council (CIC) developed the first Zero Carbon Building in Hong Kong in collaboration with the Hong Kong Government.

The project showcases the state-of-the-art eco-building design and technologies. It serves as an education and exhibition centre to share knowledge and expertise in low carbon building design and technologies and to raise community awareness of sustainable development.

This technical seminar will highlight green design features of the building for the aims of reduction of greenhouse gas emission.

### Honorable Speaker:



**Ir Raymond Yau, PhD, BSc, CEng, RPE, FHKIE, FCIBSE, MIMechE, MASHRAE, LEED™ AP (BD+C), BEAM Pro**

**Ir Raymond Yau** is Arup Fellow and Director of Arup HK. He is a building services engineer and building physicist who specializes in integrated design of sustainable and environmental responsive buildings.

He was one of the pioneers in the UK in mid eighties who adopted the use of Computational Fluid Dynamics and Dynamic Thermal Modeling techniques in built environment applications. He then pioneered the use of such advanced simulation techniques to Hong Kong in early nineties in complex indoor environment, microclimate studies in public housing developments and lately developed advanced turbulence modeling for external air ventilation assessment for high rise and high density urban environment.

He is the Project Director for total engineering design of the CIC Zero Carbon Building. This embraces passive measures such as natural ventilation and daylight and active system measures such as improved energy efficiency and renewable energy generation by PV and biofuel tri-generation.

He is serving as the Member of Expanded Building Committee of Buildings Department, HKSAR Government and Member of Green Labeling Committee of Hong Kong Green Building Council. Dr Yau is Adjunct Associate Professor at Department of Architecture of The Chinese University of Hong Kong.

Organizer:



Co-organizers:



Supporting Organizations:



Language: English (supplemented with Cantonese)

Fee: Free of charge for members of Organizer or Co-organizers;  
Free of charge for full time students or staff of The Hong Kong Polytechnic University  
HK\$100 for supporting organizations;  
HK\$200 for non-members

Remark: 2-hour CPD certificate will be provided.

Application:

Open to all interested persons, but *priority will be given to ASHRAE members*. The deadline of application is on 24 August 2012. Please complete and return the application form by e-mail ([cswong@ifc.com.hk](mailto:cswong@ifc.com.hk)) and send the cross cheque (if necessary) via post before 25 August 2012. Number of participants is limited. Places will be allocated on a first-come-first-served basis. Successful applicants will be informed individually by e-mail.

**Application Form:**  
**Technical Seminar on Green Design of CIC Zero-Carbon Building**

Name (Dr./Ir/Mr./Mrs./Ms.)\* : (Surname) \_\_\_\_\_ (Given Name) \_\_\_\_\_

Membership\* : Organization: \_\_\_\_\_ Membership No.: \_\_\_\_\_

Company\* : \_\_\_\_\_

Position\* : \_\_\_\_\_

Email Address\* : \_\_\_\_\_

Contact Numbers : (Mobile)\*: \_\_\_\_\_ (Office): \_\_\_\_\_

\* Information must be filled.

Fee (Organizer / Co-organizers / PolyU Full time students or staff) – Free of charge

Fee (Supporting organizations) – HK\$ 100 x \_\_\_ person (cheque no.: \_\_\_\_\_)

Fee (Non-member) – HK\$ 200 x \_\_\_ person (cheque no.: \_\_\_\_\_)

Enquires: For inquiries, please contact us at email: [cswong@ifc.com.hk](mailto:cswong@ifc.com.hk)

Registration: The application form and cross cheque with appropriate payment in Hong Kong dollars payable to “ASHRAE Hong Kong Chapter” shall be sent to **P.O. Box 35612, King’s Road Post Office, North Point, Hong Kong**, before 25 August 2012. The applicant may email the above information to [cswong@ifc.com.hk](mailto:cswong@ifc.com.hk) for place reservation and then followed by cheque payment via mail.