

## The Best Final Year Dissertation 2008

Each year, the Chapter organizes "The Best Final Year Dissertation Competition for the final year undergraduate and postgraduate students. This year, the awards go to Mok Wan Chi (Distinction- Undergraduate), Ma Yuen Tung (Merit-Undergraduate), Kwan Wai Kit (Merit-Undergraduate), Chan Wai Yan (Innovation - Undergraduate) and Dr. Yeung Fai Yip (Distinction-Postgraduate).

Dr. Yeung also presented his works and shared his experience of conducting the research with all participants.



Distinction- Postgraduate winner: Dr. Yeung Fai Yip

# The HK PolyU Student Chapter of CIB



The Hong Kong Polytechnic University

Newsletter No. 7

March 2009

Dear Members,

Time flies. I have served the HKPolyU Student Chapter of CIB in my capacity as the President in year 2008-09 and my term of presidency is going to be completed. I am highly delighted to have been part of the Chapter and witnessed her development and achievements. With the devoted efforts of the committee members and the continuous supports from the Department of BRE, the Chapter has performed a prominent role in enhancing the research culture among students in our department and exchanging the research experience with other student chapters.

In the past year, the Chapter has organized various activities for our BRE students. Thanks to the Department's support, the Chapter continues to explore exchange and collaboration opportunities with young researchers in the international academic community. Representatives of the Chapter organized an exchange visit to the National Taiwan University and took part in the Fourth ACBC workshop with participating universities included the Osaka University and the University of Seoul. Our annual exchange seminar with the Shenzhen University has come to the fifth year. We also carried out a visit to the Department of Construction Management of the Tsinghua University. Meanwhile, our incessant endeavors of strengthening connections with other Student Chapters both locally and across the globe persist.

In addition, the Chapter has organized a wide range of activities for both the undergraduate and research students internally. Different forms of communication such as research gatherings and workshops allow participants to share their research findings and research techniques with others. As a yearly event, we organized the Best Final-Year Dissertation Competition to confer awards as an incentive of which students are encouraged to do better in their research projects. In addition, we have visited the construction site of Sha Tin Pass Housing Estate Project to see construction works in floor cycle. As a recreational activity, we go yachting to the Lamma Island. Amidst these, the Committee Members on occasions render advice in respect of conducting researches as requested by the students.

Taking this opportunity, I would like to express my sincere gratitude to all Committee Members for their dedication of time and energy for the Chapter. I particularly acknowledge with gratitude the generous support from our Honorary Advisors, Professor Francis Wong, Professor Edwin Chan and Dr. Michael Yam. I would like to thank them for their patience, kindness and tireless efforts.

I wish all the succeeding Committees every success and the Chapter together with our department will keep on providing valuable chances for research students to organize research activities.

**Neo K.Y. Chan (Mr.)**  
President, The HKPolyU Student Chapter of CIB



Committee Members 2008

Departmental Representative for CIB



Professor Francis K.W. Wong  
BSc(Hons), MSc, PhD,  
FCIOB, FHKIE, FHKICM,  
RPE(Bldg), ARICS, MCIARB,  
MCM, MIOSH

**Prof. Wong** is currently the Departmental Representative for CIB and the Director of the Research Centre for Construction and Real Estate Economics, in the Department of Building and Real Estate (BRE) of the Hong Kong Polytechnic University. As the Departmental Representative for CIB, Prof. Wong has paid great attention to the development of the HKPolyU Student Chapter of CIB. He served the Chapter as an Honorary Advisor and has given continuous support to various activities organized by the Student Chapter.

The International Council for Research and Innovation in Building and Construction (CIB) provides a global network for international exchange and cooperation in research and innovation in building and construction, in support of an improved building process and performance of the built environment. The Department of Building & Real Estate (BRE) of the Hong Kong Polytechnic University (HKPolyU) has been registered as an Associate Member of CIB. There is a need to establish an active research community for our students and that is the main reason for the establishment of the HKPolyU Student Chapter of CIB.

The HKPolyU Student Chapter of CIB is an organization set up with the intent to develop the desire, on the part of students, to become more involved with the international construction research community. The Chapter is designed to provide a forum for sharing and discussing research-related issues in building and construction. It aims to bring together both the undergraduate and postgraduate students to develop research interests and a meaningful exchange between the entire spectrum of building and construction interests with the global research community. For further information, please visit the web site of our CIB Student Chapter: <http://cibspirit.bre.polyu.edu.hk/>

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Call For Members



Free Membership



### Target Applicants

All students and research staff of The Department of Building & Real Estate, The HKPolyU are welcome to join.

### Membership Fee

The membership is free for all applicants for the year 2009.

### Further Information

For further information about the Chapter, please visit our website at <http://cibspirit.bre.polyu.edu.hk/>

### Contact

Further enquiries on membership application can be directed to:  
Maggie, Tang Liyaning (Chief Membership Coordinator)  
Contact No.: 2766-4308  
E-mail: [tlyn.tang@polyu.edu.hk](mailto:tlyn.tang@polyu.edu.hk)

### Application Form

Please detach the form, fill and give it to the committee member or fax it to 2764-5813. (Ms. Tang Liyaning)

Name: \_\_\_\_\_ HKPolyU Student ID / Staff No.: \_\_\_\_\_

Course-Yr: \_\_\_\_\_ Contact No.: \_\_\_\_\_

E-mail: \_\_\_\_\_ Date: \_\_\_\_\_

Are you willing to assist in organizing The CIB Student Chapter's activities? Yes  No

Message From The President

The HKPolyU Student Chapter Of CIB

The HKPolyU Student Chapter of CIB held its fourth AGM on 27th March 2008. Apart from reporting the activities organized by the Student Chapter in the past year, the voting for the new executive board for the year 2008 was conducted in the meeting.



Committee Member 2007 and 2008

The HKPolyU Student Chapter of CIB 2008 held its inauguration ceremony on 17 June 2007. Professor Albert Chan, Associate Head of BRE Department was present at the function. After this, an exchange seminar was held where three students from the HKU CIB Student Chapter and three from the HKPolyU CIB Student Chapter offered a research talk.



Opening Speech by Professor Albert Chan, Associate Head of BRE Department

Group photo with the HKU research students BRE Department

**Visit to the National Taiwan University by the PolyU's CIB Student Chapter**

The CIB (International Council for Research and Innovation in Building and Construction) Student Chapter of the PolyU is very active in organizing exchange activities with other universities. From 17th to 18th March 2009, a delegation from the PolyU's Student Chapter had made a visit to the Faculty of Construction Engineering and Management (CEM), Department of Civil Engineering of the National Taiwan University (NTU). During the exchange visit, we had visited the NTU's campus, we shared our research findings with our counterparts in a seminar, and we had also visited a project for the construction of the tunnel between the Taipei Train Station and the International Airport. At the seminar, Prof. Francis Wong (Honorary Advisor of the CIB Student Chapter) and Mr. Neo Chan (President of the CIB Student Chapter) had given an introduction of BRE and the CIB Student Chapter in the PolyU to the students and staff of the NTU. This exchange visit provided a valuable opportunity for us to share research experience and research interests, to establish a communication channel between students and staff of the two institutions, and to seek future collaboration in the area of building and construction research.



Asian Coalition for Building Science and Construction Engineering (ACBC) workshop is jointly organized by the leading universities, Osaka University, the University of Seoul and the Hong Kong Polytechnic University since 2006. ACBC Workshop aims at furthering learning opportunities and international exposure among universities and students in the areas of Building Sciences and Construction Engineering. During the period of 21-23, Aug 2008, with the theme of 'Sustainability-Construction Engineering in the Context of Hong Kong', the highlights of this year's ACBC Workshop included the industrial professionals' presentations 'International Commerce Centre - Green and Safe Construction' and 'Development of Sustainable Management System in Hong Kong Construction Industry' as well as the site visits to the city's prominent construction projects, "Atrium Hotel Renovation Project" and "HKCEC Expansion Project". In order to promote our Chapter at the international level, Mr. Neo Chan, Ms. Zhang Xiaoling and Mr. Jorge Ochoa joined this event and introduced our CIB student chapter to the visitors from overseas.



Site visits to the city's prominent construction projects



Group photo of the ACBC promotion activities

**Site Visit**

The Chapter organized a site visit to the Sha Tin Pass Estate (Public Housing). As a six-day floor cycle is adopted in this site, we had the opportunity to observe the work processes such as prefabrication, floor cycle, temporary work and concreting. From the site visit, we all have witnessed the construction methods learned from lectures.



A CIB Student Chapter Promotion event organized by the HKPolyU and Tsinghua University was held on 23 Feb. 2009 in the Department of Construction Management, Tsinghua University. In this event, Ms Maggie Tang introduced the development of BRE Department and CIB Student Chapter in BRE, and exchanged ideas in how to improve the performance of our Student Chapter with the research students from the Tsinghua University.



The Student Chapter invites its members to join the Research Gatherings to share research experience with other students and staff in a casual atmosphere. Up to now, 3 gatherings have been organized. The different research themes are:

Dr. Wu Yuzhe



Research Methodologies in Management Science

Yao Hong, Ph.D Candidate



A Dynamic Approach for Evaluating the Sustainability Performance of Infrastructure Projects in China

Dr. Yeung Fai Yip



Developing a Partnering Performance Index (PPI) for Construction Projects - A Fuzzy Set Theory Approach

The Student Chapter organized a workshop on 9th September 2008, entitled "Working safer at height - development of a rapid demountable platform (RDP)". In this workshop, Professor Wong shared his recent research findings on the identification of problems associated with building neglect, and also proposed the guiding solutions towards sustainable repair and maintenance of ageing building from a management perspective. Over 20 members attended this workshop.



**The Fifth Annual Exchange Seminar with the Shenzhen University**

In October 2008, the fifth annual exchange seminar has been successfully conducted between the HKPolyU Student Chapter of CIB and the Shenzhen University. The seminar was held at the HKPolyU, and a visit to the PolyU library was organized after the seminar. More than 20 research students from both universities had attended this seminar.



The PolyU's CIB Student Chapter had organized a yachting activity on 29 September 2008. All committee members with 5 CIB members had joined this event. The activity did not only strengthen the connection between CIB members, but also provided a great communication platform for us to share our experience.

