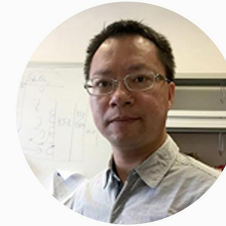


The Hong Kong Polytechnic University CIBSC 16th Anniversary



**Ir. Professor
Albert P.C. CHAN**
Chairman
CIB Student Chapter Committee
2016-2019 (International)



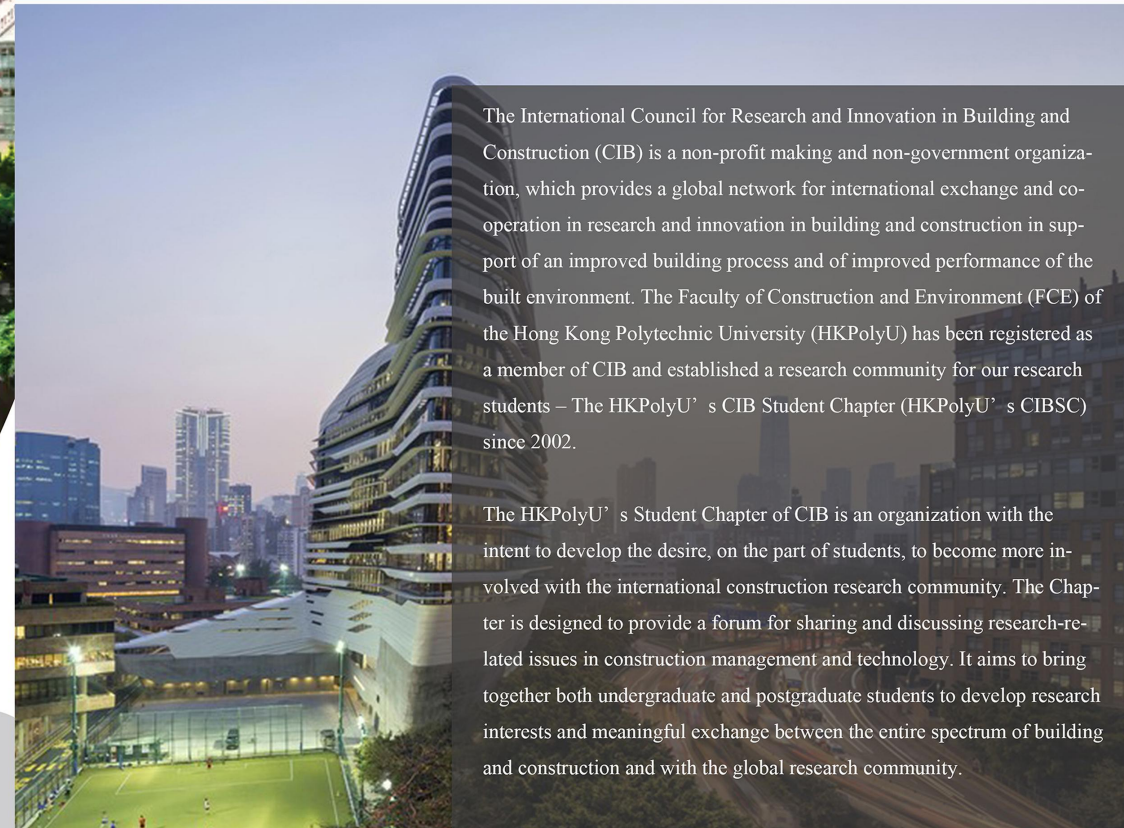
**Professor
Meng NI**
Honorary Adviser
CIB Student Chapter
2016-2018 (PolyU)



**Professor
Edwin Hon-Wan CHAN**
Honorary Adviser
CIB Student Chapter
2017 (PolyU)



Mr. Xiao LI (Shell)
President
CIB Student Chapter
2017-2018 (PolyU)



The International Council for Research and Innovation in Building and Construction (CIB) is a non-profit making and non-government organization, which provides a global network for international exchange and co-operation in research and innovation in building and construction in support of an improved building process and of improved performance of the built environment. The Faculty of Construction and Environment (FCE) of the Hong Kong Polytechnic University (HKPolyU) has been registered as a member of CIB and established a research community for our research students – The HKPolyU’s CIB Student Chapter (HKPolyU’s CIBSC) since 2002.

The HKPolyU’s Student Chapter of CIB is an organization 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 construction management and technology. It aims to bring together both undergraduate and postgraduate students to develop research interests and meaningful exchange between the entire spectrum of building and construction and with the global research community.

President Message



Hello! It is indeed my great pleasure to be elected as the president of PolyU CIBSC (2017-2018). During this period, my team and I are going to serve the Student Chapter with a grand attitude. Within our capacity, we are going to concentrate on establish a platform to facilitate the members to improve academic ability by organizing workshops and competitions; widen the academic and industry network by launching study exchanges and site visitings; make deep friendship by associated team building activities, and optimize the workflow and document management to make our action more effective. Hopefully, such fresh and dynamic platform is going to furnish our members with newfound ideas for conducting unique and innovative research. Let's join force and help develop a smart and sustainable built environment for enhancing the quality of human life in an urban context!

Here, on behalf of the PolyU CIBSC, I would like to take this opportunity to express our heartfelt thankfulness to Professor Francis Wong, Professor Meng NI, Prof Edwin Chan who have offered their support to the Student Chapter as the Honorary Advisers from 2013-2016, 2016-2018, 2017 respectively. With their proper guidance, CIBSC is able to grow stronger and better continuously. We sincerely wish them all the best in the years to come.

Last but not least, we would like to express our great gratitude to the Head of Department of Building and Real Estate (BRE), Professor Albert Chan. Without his continuous support in funding the Student Chapter, PolyU CIBSC will not be able to grow and keep moving upward constantly. Here, our talented team is driven for pushing this Student Chapter to a higher horizon. Thank you very much for believing in us once again!

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ACHIEVEMENTS IN 2017



THE HONG KONG
POLYTECHNIC UNIVERSITY
香港理工大學

Opening Minds • Shaping the Future
啟迪思維 • 成就未來

19/06



The 16th Academic Conference for Postgraduate Students in Construction Management and Real Estate

11/07



Academic Exchange in National Taiwan University

25/07



Site Visit to BIM and ZCB Center of CIC

07/08



Workshop Series 1 - Urban Studies

18/08



Workshop Series 2 - Construction Automation & Robotics

12/09



BRE New Ph.D. Orientation

14/09



Fruit Gathering and Play board role-playing games

18/10



Academic Exchange in Seoul National University

Academic Conference



Time: 19 Jun 2017
Venue Room: B401, College of Civil Engineering, Shenzhen University

Maxwell Fordjour ANTWI-AFARI: Wearable Insole Pressure Sensors for Automated Classification of Construction workers' Slip-Trip-Loss of Balance Events

Xue Xiao: Case-based reasoning and text mining for green building decision making

Xiaozhi MA: ICT in prefabrication

Emmanuel Kingsford Owusu: Addressing the Multiple Facets of Corruption In Construction Procurement Research: An Overview



“

Best Presentation Award: Ms. Xue XIAO

Most Popular Presentation Award: Mr. Antwi-Afari Maxwell Fordjour

The first academic activity of CIBSC in 2017, “The 16th Academic Conference for Post-graduate Students in Construction Management and Real Estate” was successfully held on 19 June 2017. This academic conference was annually co-organized by The Hong Kong Polytechnic University, The University of Hong Kong, and Shenzhen University. The idea of the conference was to promote academic exchange in the field of Construction Management and Real Estate.

After an intense competition among PolyU, HKU and SZU, PolyU finally captured two Prizes (the total number of the Prizes is four).

The conference attendees gained a good experience in Green Building through a visit to the Headquarters of Vanke Co., Ltd, one of the most famous real estate firms in China.

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Study trip

National Taiwan University



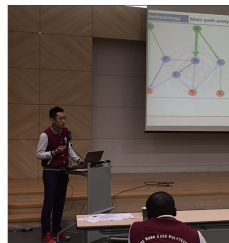
The first international academic exchange and communication of CIBSC in 2017 was successfully Completed between 11- 13 July 2017. PolyU was very honored to accept the invitation from the Department of Civil Engineering, National Taiwan University (NTU). NTU is very famous and competitive in the fields of Construction Management (C&M) and Building Information Modeling (BIM). The attendees had an effective and in-depth communication and exchange with NTU in the competitive fields of Construction Management and Informationization.

For discussion and in-depth exchange, a workshop was held between the two universities in relevant research areas. Besides, the participants had a visit to the laboratories and established the collaboration with the Department of Civil Engineering, NTU.



Study Trip

Seoul national University



The international academic exchange and communication of CIBSC was successfully held in Seoul, South Korea, between 18-19 October 2017. BRE was very honored to accept the invitation from the Department of Architecture and Architectural Engineering of Seoul National University (SNU), and organized a short-term visit to Construction Engineering and Management Lab & Construction Innovation Lab for academic communication and exchange.

This academic activity included academic presentation, lab visiting, campus tour, and friendly dinner. It was indeed an honor for CIBSC to invite Dr. JoonOh SEO to lead this academic visit to South Korea, accompanied with Dr. Orianna Guo. And the presenters of CIBSC included Mr. Wu Hengqin, Mr. Maxwell and Dr. Orianna Guo, for close linkages with SNU's research focus. The attendees had a better understanding about related studies of Construction Engineering & Management and Construction Automatics & Robotics. It was a great significance for CIBSC to promote sincere academic exchange and establish a profound friendship with Korean scholars of SNU through this activity.

Workshop Series



This CIBSC program aims to provide a platform for FCE PhD students to sharing and communicating their research findings and learn some advanced research methods from senior researchers.

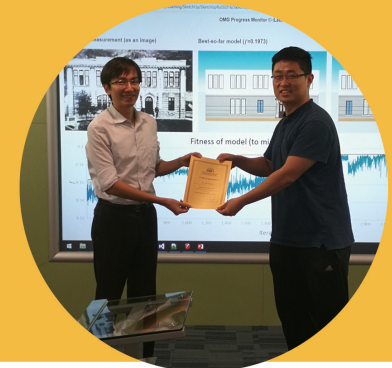
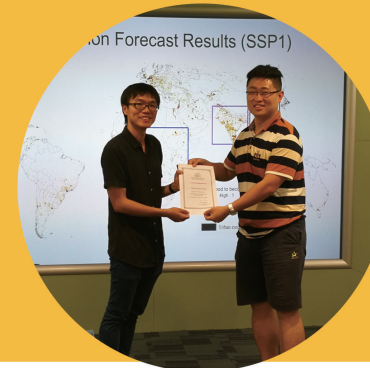
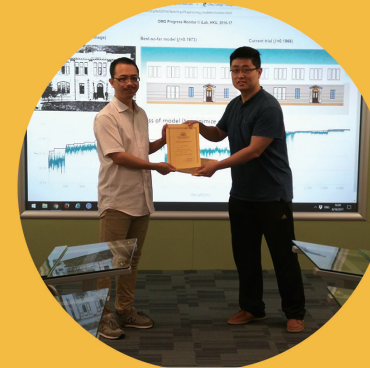
Workshop Series 1 - Urban Studies

On 7th of August, the CIB student chapter (CIBSC) organized an academic workshop in ZS701 at 3:30 pm. Mr. HUANG Kangning from Yale University shared his research experience about Urbanization, Climate Adaptation, and Resource Constraints to 30 participants from PolyU CIBSC.

Workshop Series 2 - Construction Automation & Robotics

In 18th of August, the CIB student chapter (CIBSC) organized an academic workshop series 2 in ZS701 at 2:00 pm. The main topic is focused on the state of art rearech method in Construction Automation & Robotics.

Dr. CHI Hung-Lin from PolyU presented this speech about the Development of an AR-Enhanced Tele-Operation Crane and User Interface. Dr. XUE Fan from The University of Hong Kong then presented a speech about a Derivative-free Optimization Approach for Automated As-built 3D Modelling.



Team Building



CIBSC organize a technical visit to the BIM training center and Zero Carbon Building (ZCB) of Construction Industry Council (CIC) on July 24th(Monday), 2017.

The attendees attended a series of BIM training lectures on BIM basic modelling, BIM applications, and 3D printing technology in the BIM training center. The attendees had an effective communication and exchange with the specialists of the BIM training center.

Besides, the participants had a visit to the exhibition center, the education center and the information center of ZCB. The zero/low carbon building design and technologies were shown for promoting behavioral changes towards low carbon living, which raise the community awareness of low carbon living in Hong Kong.

Fruit Gathering

With the purpose of enhancing the friendship among PolyU CIBSC members, a Fruit Gathering session was held in Boyan Hall, PolyU at the evening of 14th September in 2017. Starting with an introduction of the CIBSC by the president Mr. Shell LI Xiao and other team leaders in different departments, board role-playing games were held to make the session more interesting.



BRE New Ph.D. Orientation

In the afternoon of 12nd september at the Sustainable City Laboratory of PolyU Department of Building and Real Estate (BRE), a new BRE New Ph.D. Orientation with a purpose to provide a platform for BRE new research students to get familiar with the department & encouraging better communication and interaction in the BRE community. Opening speech was given by the Head of BRE (Prof. Albert Chan) and Welcoming speech was presented by the Chairman-DRC of BRE (Prof.Meng Ni).



New Mphil & PhD Students who joined the BRE family gave their brief introductions to get familiar with each other. Besides, major subjects regarding to PhD programs were explained and discussed with the audience by BRE general office (Secretary: Mrs. Vivien Kao & Ass. Secretary: Ms. Chloe Shing). Dr. Chi Hung-Lin then introduced about the BRE seminar and Mr. Shell LI Xiao introduced the Poly U CIB Student Chapter later. Sharing experience by BRE PhD graduates (Dr. LIN Xue & Dr.Boluwatife ABIDOYE) ended the meaningful session and followed by a refreshment break.

Organization Structure



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