

THE HONG KONG INSTITUTION OF ENGINEERING SURVEYORS

P.O. BOX 79, TSUEN WAN, HONG KONG.

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香港
工程測量師學會
香港荃灣郵政信箱七十九號

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Surveyor Day 2005

工程測量師2005年聯歡晚會

The Committee of The Hong Kong Institution of Engineering Surveyors is pleased to announce that HKInstES will host the "Surveyor Day 2005" on 24th November 2005 (Thursday). All members and non-members are invited and welcome to share with us the great evening and to meet most of the surveyors in Hong Kong. Admission tickets are limited and on a first-come-first-serve basis. Interested parties please contact Mr. David CHEUNG, or Mr. LAM Lit-yin, or Mr. Andy CHAN for seats reservation.

為促進工程測量從業員的聯繫，香港工程測量師學會將於2005年11月24日星期四舉辦(工程測量師2005年聯歡晚會)，請踴躍參加，詳情如下：

- 日期 Date : 2005年11月24日 (星期四)
Thursday, 24 November, 2005.
- 時間 Time : 晚上六時 至 十時 (準八時入席)
6 : 00 pm to 10 : 00pm (Dinner at 8:00pm)
- 地點 Venue : 聯邦海鮮酒家 Federal Restaurant
九龍鑽石山龍蟠街三號，荷李活廣場二零六號。
Shop 306, Plaza Hollywood
3 Lung Poon Street, Diamond Hill, Kowloon.
- 費用 Fees : 每位 \$280, 歡迎攜同親友參加
\$ 280 per Head, All are welcome (Family & Friends)
- 訂座 Reservation : Mr. LAM Lit-yin 林烈賢先生
Tel. 電話: 8108 1103 Fax 傳真: 2472 4039
Mr Andy Chan 陳耿釗先生
Tel. 電話: 9400 1075 Fax 傳真: 2690 2221
Mr. David Cheung 張文生先生
Tel. 電話: 9720 7987
- 衣著 Cloth/Dress : 便服或禮服皆可
Causal or formal types are all welcome.

第四屆京港澳測繪技術交流會

羅傑權 秘書

澳門地圖繪製暨地籍局主辦，北京測繪學會、香港理工大學、香港測量師學會、香港工程測量師學會協辦第四屆京港澳測繪技術交流會於2005年9月7日至9日在澳門世界貿易中心召開，參加交流會京、港、澳、廣東測繪代表有118人。香港工程測量師學會由余偉榮會長、李鴻盛主席率領10位會員參加，開幕禮於9月8日上午10時30分開始首先由主辦單位澳門地圖繪製暨地籍局張紹基代局長致歡迎辭，北京測繪學會洪立波理事長，香港測量師學會張達棠會長分別代表北京、香港測繪單位講話，並由主禮嘉賓澳門運輸工務司歐文龍司長、澳門地圖繪製暨地籍局張紹基代局長、北京市科協學會部龐志其副部長、北京測繪學會洪立波理事長、國家測繪局陳俊勇院士、香港理工大學陳永奇教授、香港測量師學會張達棠會長、香港工程測量師學會李鴻盛主席主持啟動儀式。



今屆會議主題為“現代空間訊息技術發展與應用”，會議得到三地測繪工作者的積極響應，提交論文60多篇，在學術交流會上，先後有22篇論文在會上進行交流報告。京港澳代表分別介紹了三地全球定位系統技術發展與應用，地理訊息系統技術在各行業中的應用，工程測量在施工中的方法和特點，激光掃描在測繪的應用。在全體與會代表共同配合下9月9日中午會議結束後舉行閉幕禮，澳門地圖繪製暨地籍局張紹基代局長主持閉幕禮，各單位代表相互贈送紀念品，並宣佈於2007年在香港召開第5屆京港澳測繪交流會。會議為三地測繪工作者提供相互學習、認識、交朋友的平台，有利今後技術交流和友誼發展，會議在熱烈的掌聲中圓滿結束。

在閉幕禮後，大會安排考察觀光，並到大三巴、紅酒博物館、賽車博物館、住宅博物館、旅遊觀光塔、路環市區等地參觀。



The 2005 International Symposium on GPS/GNSS (GNSS2005)

The 2005 International Symposium on GPS/GNSS (GNSS2005) will take place in Hong Kong, 8-10 December 2005. It is the fourth of a series of international symposiums on GPS and GNSS in Asia Pacific regions with the aims of providing a unique gathering place and open forum for GNSS professionals to exchange experience and knowledge on recent development on GNSS. The symposium will feature a session of presentations from the Civil GPS Service Interface Committee (CGSIC).

The website for the conference
<http://www.lsgi.polyu.edu.hk/GNSS2005/index.htm>

The conference program is post in the following website
<http://www.lsgi.polyu.edu.hk/GNSS2005/index.htm>

The registration form can be downloaded from the website:
<http://www.lsgi.polyu.edu.hk/GNSS2005/Registration.htm>



The early bird registration deadline is 1 November, 2005.

If you are HKIES members, you are entitled to 20% off the registration fee. Just write on the registration form that you are the members of HKIES.

The conference venue is the Jockey Club Auditorium in the campus of the Hong Kong Polytechnic University (the map can be found in the conference website). Every member is welcomed to join this event.

Create Greater Value for PolyU

According to the government's educational reform blueprint, the tertiary education programmes in Hong Kong will be lengthened from 3 years to 4 years and, resources will be further stretched. The second round of the Government Matching Grant Scheme for universities has taken effect since 1 August 2005. Your timely donations will allow PolyU to receive more government grant, and be better prepared for the challenges ahead to realise their mission in education and research. The HKInstES hereby would like to ask members as well as non-members, especially those who graduated from LSGI, to express their support to PolyU by becoming sponsors in any one of the ways as printed in the leaflet shown below. More information about the donation plan and the Donation Confirmation Form can be downloaded from: http://www.hkies.org.hk/eHKIES/NewsEvents/PolyU_Donation.pdf. Thank you very much for your kindness in advance.

Recent CPD Functions - By: LAM Lit Yin (Director, CPD Function)

TECHNICAL VISIT to the Pre-casting Yard for PC Segments of Hong Kong - Shenzhen Western Corridor (SWC, Shenzhen Section) at Nansha, China - Date: 24-Sep-2005

Organised by HKInstES

Supported by Zhongtie Major Bridge Engineering (Group) Co. Ltd (MBEC)

The SWC is a 5km-long, dual three-lane highway linking Shenzhen (SZ) and Hong Kong (HK). The link crosses the environmentally sensitive Deep Bay and contains two asymmetric cable-stayed bridges, each with an inclined central tower, and two approach viaducts.

Mainland portion of the SWC will take the form of about 1km of dual 3-lane viaduct highway, landing point at Dongjiaotou, Shekou, China, linking with HK portion at the boundary of HKSAR. The pre-cast segments of the viaduct were constructed by MBEC at her casting yard in Nansha.



Presentation by Mr. Cheng Surveyor, MBEC

Programme Highlights

Although the typhoon signal No.3 was hoisted when we started our trip at Kowloon Tong, the weather became fine. The shuttle could arrive the casting yard around 11:30am because of traffic jam. Mr. CHENG Guang Jin, Surveyor of MBEC, welcomed the visitors at the entrance already.

Opening with a welcome briefing, Mr. Cheng has presented the construction method, called "Short Line Forming Technique", of the pre-casting segment for a cantilever segmental viaduct. He has also explained how the Geometry Control Plan (GCP) was adopted during the construction process. Moreover, Mr. Cheng briefed how the GCP method could also be used as one of the quality controls for the production.



Site walk

After the speech, Mr. Cheng led the visitors to have a site walk. By climbing up the steel formworks and survey towers, we could understand the construction process, especially the role of survey work, in more details.

We could have a further discussion with Mr. Cheng during lunch time. We talked about our working experience in mainland and the different styles of Chinese food. All the 17 members and guests presented our highly appreciation to Mr. Cheng for the technical presentation as well as the meal (organized by Mr. Cheng).

The Institution would like to express our heartily thank again to Mr. Cheng in supporting the visit. Mr. Cheng agreed to assist the institution in looking for other valuable construction project in mainland for technical exchange in future. Finally, the Institution would also like to thank Mr. LAM Lit Yin, Mr. Simon IP and Mr. LIU Chun Kit in organizing the function.



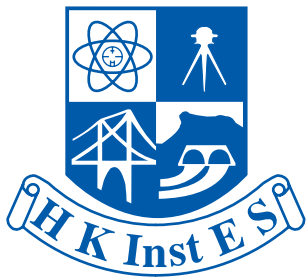
Mr. Simon Ip, (Deputy Director CPD Function, HKInstES) presented souvenir to Mr. Cheng



Group photo A



Group photo AB



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Recent CPD Functions (Con't...) -

By: **Simon Ip (Deputy Director, CPD Function)**

Technical Visit to the construction site of Hong Kong - Shenzhen Western Corridor (Contract No.: HY/2002/21) - Date: 30/07/2005

Organised by HKIES

Supported by Highways Department (HyD) and Ove Arup & Partners HK Limited (OAP)

Programme Highlights

The visit was included at landside and on marine boat inside the construction boundary for a 4,128m long Deep Bay Link mainline in the form of viaducts using segmental box girders. Gammon in conjunction with Skanska International Civil Engineering and Zhongtie Major Bridge Engineering (MBEC) are the main contractors for the construction. The Ove Arup & Partners HK Limited (OAP) is the Consulting Engineer of this project.

This project, valued at HK\$2.2 billion, comprises construction of a 3.5km long dual three-lane carriageway with 0.3km on land and 3.2km over water, linking the Deep Bay Link to the Shenzhen Section of the HK-SWC at the boundary of the Hong Kong Special Administrative Region (HKSAR) and Shenzhen over Deep Bay.

HKIES would like to express our heartily thank to **Mr. Mark Li**, Engineer, HyD Representative. He briefed the comprehensive details of this project at the beginning of the visit. **Mr. Andrew Kwong**, Resident Engineer, OAP, reminded the points of the safety precaution during our visit. **Mr. Lionel Tang**, Resident Land Surveyor, OAP, described the particular technique in engineering surveying. It is the use of cross-boundary survey network and independent coordinate system.

Although we met an adverse weather sometimes during the visit, we could successfully complete our visiting plan - both land visit and marine boat surfing around the construction site. Finally, all 19 members and guests enjoyed this wonderful visit arranged by HyD, OAP and the Institution.



Mr. Lionel Tang and visitors



Bird's eye view



Main Tower

SURVEYOR WANTED

Mr. Doug Hayes (MHKInstES) is currently looking for a field surveyor to work in super-highrise building construction in Dubai. He needs a young, energetic guy who can work hard, and has a good surveying qualification and strong computer skills. The position will be under 3 year contract with good tax-free salary plus an accommodation allowance. If you know of anybody who may be interested would you kindly contact him.

Mr. Doug Hayes, Project Surveyor

The Burj Dubai Tower

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