

香港工程測量師學會
THE HONG KONG INSTITUTION OF ENGINEERING SURVEYORS
P.O. BOX 79, TSUEN WAN, HONG KONG.
URL : <http://www.hkies.org.hk>
email : secretary@hkies.org.hk

Past CPDs & Events (continued....)

On **28 June 2005**, 41 members and guests attended the CPD function named “Digital Photogrammetry by Non-Metric Camera and Automatic Image Correlation Technique” presented by Mr. Andy Chan K.C. [Assistant Manager, Marketing & Sale Dept., Topcon Optical (HK) Limited] at MTRC Auditorium. Mr. Andy Chan K. C. presented how Digital Photogrammetry could be conducted by using commercially available, low-cost, high resolution non-metric digital cameras and total station for provided image of terrains and captured structure. Moreover, by using the latest “Automatic Digital Image Correlation” technique, surveyors can easily and quickly create contour lines, cross section and photo co-ordinates. Output result in dxf format file could be directly converted to several cadd systems such as AutoCad and Microstation.



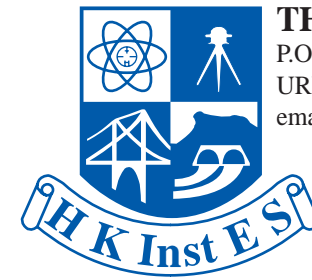
Forthcoming CPDs and Events

- The 4th Beijing-Hong Kong-Macau Geomatics Conference will be held from 7th to 9th Sept 2005 in Macau. Interested parties can contact Mr. LAW Kit-kuen, our Secretary General, via email to pkklaw@netvigator.com for details.
- The 2005 International Symposium on GPS/GNSS will be held from 8 to 10 December 2005 in the Hong Kong Polytechnic University. Please refer to page 2 of this newsletter for details.
- CPD talk : “Working overseas - How to Enhance Professionals' Competitiveness” - to be confirmed.
- CPD event : “Site Visit to the Hong Kong-Shenzhen Western Corridor Project” - please refer to recent CPD flysheet for details.
- CPD event : “ Technical Visit to the Hong Kong Station of Satellite Remote Sensing” at the Hong Kong Chinese University” - to be confirmed.
- CPD talk : “Land Boundary Survey Practice in Hong Kong” - to be confirmed.
- CPD talk : “Start War” - to be confirmed.
- Surveyor Day 2005 - scheduled to be held on 17th or 24th November 2005.
- BBQ gathering - scheduled to be held in October 2005.
- Institution's propaganda event to invite students members persuing survey courses - to be confirmed.

From the Director of Publications (Nelson Ho)

For the benefit of the land and engineering surveying industry and their practioners, the institution would like to invite members to make contributions by sharing information about reputable projects which they have been with and their invaluable experience in writings. We are more than happy to receive and print them in the Institution's future Newsletter (subject to approval by the committee). Members can send thier materials in either Word or Rich Text format to Nelson Ho via email at nelsonho@mac.com.

The Institution also invites advertisement as inserts to the newsletter. For details about the format and fees, please contact our Financial Director, Mr Lam Lit-yin, via email to yehudi0323@yahoo.com.hk.



THE HONG KONG INSTITUTION OF ENGINEERING SURVEYORS
P.O. BOX 79, TSUEN WAN, HONG KONG.
URL : <http://www.hkies.org.hk>
email : secretary@hkies.org.hk

香港工程測量師學會
香港荃灣郵政信箱七十九號

HKInstES NEWSLETTER ISSUE NO. 30

July 2005

HKIES 10TH AGM - 2005

The 10th Annual General Meeting of HKInstES was held on 27th May 2005. 219 members and guests attended the meeting. The members voted for the Council Members of the year 2005 – 2006. The Dinner reception comprised of 19 tables was held after the AGM. Members cast ballot and 17 Council Members were elected from the 25 nominated candidates. They are: Mr. Yu Wai Wing, Alberich; Mr. Ma Cheuk Wong; Mr. Ho Chi Yuk, Nelson; Mr. Lee Hung Shing, Andrew; Mr. Law Kit Kuen; Mr. Shum Yew Keong, Robin; Mr. Wong Pak Wai, Peter; Prof. Ding Xiaoli; Mr. Kar Sai Hoi, Stanley; Mr. Lam Yau Wah, Steve; Mr. Au Chi Kin; Mr. Cheung Man Sang, David; Mr. Wu Shing Choi; Mr. Leung Chun Hing; Steven, Prof. Li Zhilin; Mr. Lai Hon Kit; and Mr. Lam Lit Yin.

Lam Lit Yin, Miranda Lui and Simon Lai were MCs for the AGM. Speech and report were delivered by Mr. Robin Shum, the President; Mr. Alberich Yu, the Chairman; and Mr. K K Law, the Financial Controller in turn. The Council also thanked and welcomed the continuous support from the following Co-op Members: Mr. Chan Kwok Wah, Vincent; Mr. Chan Kan Chiu, Andy Mr. Ng Yau Keung, Tony; Mr. Cheung Ho Yin, Simon; Ms Lui Ching Yee, Miranda; Mr. Chan Bon Yuen, Joe; Mr. Lee Yee; Mr. Simon Lai; and Mr. Wong Kwong Chiu.

Topcon and Leica, the leading local survey equipment suppliers had sponsored the AGM and exhibited their latest model of survey equipment at the reception hall.



From left to right: Mr. Lam Lit Yin; Mr. Leung Chun Hing; Steven; Mr. Ma Cheuk Wong; Mr. Wong Pak Wai, Peter; Mr. Au Chi Kin; Mr. Cheung Man Sang, David; Mr. Lee Hung Shing, Andrew; Mr. Ho Chi Yuk, Nelson; Mr. Shum Yew Keong, Robin; Ms Lui Ching Yee, Miranda; Mr. Kar Sai Hoi, Stanley; Mr. Wu Shing Choi; Mr. Yu Wai Wing, Alberich; Mr. Law Kit Kuen; Mr. Lai Hon Kit; Mr. Simon Lai.

The New Council for 2005/2006

After the Council Meeting held on 9th June 2005, Mr. Andrew Lee proposed and Mr. KK Law seconded Mr. Alberich Yu to be the President for 2005-2006. The elected members voted unanimously for the motion; there had been no other proposed candidate for the presidency. Mr. Alberich Yu accepted to lead the Institution as a President for 2005-2006. The new President and the council then welcomed Mr. Simon Lai and Mr. Wong Kwong-chui to be the co-opt members of the committee. The President then nominated other council members and their respective positions for 2005-2006.

The council accepted the proposal and the key positions are as follows:

Vice President	- Mr. SHUM Yiu-keong, Robin
Chairman	- Mr. LEE Hung-shing, Andrew
Vice Chairman (External)	- Mr. WONG Pak-wai, Peter
Vice Chairman (internal)	- Mr. LAI Hon-kit
Vice Chairman (Development)	- Mr. KAR Sai-hoi, Stanley
Vice Chairman (Education)	- Mr. WU Shing-choi
Secretary General	- Mr. LAW Kit-kuen
Financial Director	- Mr. LAM Lit-yin
Editor-in-chief	- Prof. DING Xiaoli

Greetings from The President - Mr. Alberich Yu

I am glad to be the President of HKIES and I would do my best to lead the Institution.

Since the founding of the Institution, the past President Mr. Mannars Chan had promoted the Institution to the society in HK, China and Internationally. Mannars had also liaised with HKPolyU to set up survey courses to upgrade the experienced surveyors; most of the members of the Institution have been upgraded. The immediate Past President Mr. Robin Shum had promoted the Institution to the Engineering Consultants and the Contractors of the construction industry so that most of our members are now known to belong to an Institution representing experienced and specialist Engineering Surveyors

As we promote our profession of the Engineering Survey discipline in Hong Kong, you, as members, should think of how you can contribute to the Construction Industry? As the President of the Institution this year, I would like to liaise with other institutions to work together to improve the Engineering Survey Profession and to better serve the construction industry in Hong Kong. As a member of the Institution, I would also set up and maintain a professional standard together with other colleagues to serve the construction industry in Hong Kong.

本人近年熱愛打高爾夫球，是紅番會會員；要打出一球好球：碼步穩、看得準。全是個人下的苦工。要做好自己的工作，確立專業標準，主動聯絡有關人仕，專心及熱誠工作，才会有好成績。



地圖測繪專家榮獲國家自然科學獎

理大土地測量及地理資訊學系李志林教授，憑著研究項目「數字地表模型的多維動態構模研究」，榮獲二零零四年度國家自然科學獎二等獎。國家主席胡錦濤及總理溫家寶於三月二十八日在北京舉行的國家科學技術獎勵大會上，頒授獎狀證書。賀與李志林教授合作研究的陳軍教授代表研究隊伍接受獎項。

該獎項由國務院頒授，是中國在自然科學領域設立的最高獎項，表彰科學家對基礎科學研究的卓越貢獻。在二零零四年，評審委員會在逾百項目中選出共二十八個項目頒授二等獎，而李志林教授是唯一獲該榮譽的香港學者；一等獎則如上年未有頒發。

李教授及其研究隊伍獲獎的項目，是研究高度複雜的數字地面模型、數字地物模型及空間關係模型，可應用於地圖測繪及空間決策方面。研究員經過十逾年努力，後獲國家測繪局提名競逐國家自然科學獎。

李志林教授早前在二零零四年獲國際攝影測量與遙感學會頒授Schwiderfsky獎章，以表彰他的原創性研究及在著述方面的重大貢獻。李教授也是二零零零年度校長特設卓越成就獎得主。

With his project "Dynamic and Multi-dimensional Modelling of Digital Ground Models", Prof. Li Zhilin of the Department of Land Surveying and Geo-informatics has earned a second-class award under the prestigious State Natural Science Award 2004.

The award certificates were presented by top Chinese leaders, President Hu Jintao and Premier Wen Jiabao, at a gala event held in Beijing on 28 March. Prof. Li's collaborator Prof. Chen Jun received the award on behalf of their team.

Organized by the State Council, the award is a top honour bestowed by the Central Government for achievements in basic research. This year, a total of 28 winning projects were selected from among more than 100 entries, and Prof. Li is the only awardee from Hong Kong. No first-class awards were given out.

Prof. Li and his team are honoured for their collaborative research with applications in map making and spatial decision making. This project is the fruit of over 10 years' work, and was nominated by the State Bureau of Surveying and Mapping to compete for the national award.

A few months back, Prof. Li was honoured by the International Society for Photogrammetry and Remote Sensing (ISPRS) with the Schwiderfsky Medal in 2004 for his original research and publications. Prof. Li was recipient of the PolyU President's Award for Outstanding Achievement in 2000.



Posing with the University President and Prof. Chen Yong-qi, Head of the Department of Land Surveying and Geo-Informatics.



Prof. Li received the Schwiderfsky Medal at the 20th ISPRS Congress in Istanbul.

The 2005 International Symposium on GPS/GNSS

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).

Conference Topics

- GPS modernization and Galileo development
- New algorithms and techniques on satellite positioning
- GNSS environment monitoring (ionosphere, water vapour)
- Global, regional and local reference network
- Precise Point Positioning
- Precise Point Positioning
- Deformation Monitoring
- Network RTK
- GPS/GNSS for land, marine and air applications
- Other GNSS related research areas

For more details about participating in the conference, please contact:

Dr. Wu Chen

Department of Land Surveying and Geo-Informatics, The Hong Kong Polytechnic University
Hung Hom, Kowloon, Hong Kong. Tel: +852 2766 5969 Fax: +852 2330 2994
Email: lsncr@polyu.edu.hk Web: <http://www.lsgi.polyu.edu.hk/GNSS2005/>

Past CPDs & Events (Lit-yin LAM)

On 17 Mar 05, Mr. Albeich Yu and Mr. Robin Shum attended the ICES AGM Dinner via invitation. There were 13 tables in the dinner.

On 12 Apr 05, some HKIES members had attended the RICS-HK Region Function "Meet the President". They touched on some common interesting subjects such as a RISC signatory requirement on the as-built drawings with the Chair of Geomatics Faculty Committee (HK Region).

On 18 May 2005, 42 members and guests attended the topic "Application of Terrestrial Laser Scanning Methodology in Tunnel Construction" by Mr. Steve Lam, Lecturer of HKPolyU, at MTRC Auditorium. Steve described (a) how to select a suitable terrestrial laser scanner, (b) the calibration methods, (c) the procedure for acquiring survey data by the instrument on site, and (d) the computational algorithms and commercial software needed for registration, fusion and error analysis of multimodality and range images in detail mapping, as-built surveying and deformation monitoring of tunnel construction.



Members setting out the course of Dragon Boat Racing by GPS system. (From left to right: Andy Chan, K K Law, and Calvin Li)



Mr. Wong (Chairman of the Chai Wan Fishermen's Recreation Club, organizer of the 2005 Eastern District Dragon Boat Campaign) presented souvenir to the survey team. (From left to right: Jacob Lam, Andy Chan, Mr. Wong, K. K. Law, Calvin Li, and Lit-yin Lam)

On 9 June 2005, Race course for the 2005 Eastern District Dragon Boat Campaign (organized by Chai Wan Fishermen's Recreation Club) was set out by members of the ICE and HKInstES survey team: Calvin LI, Lit-yin LAM, Andy CHAN, K. K. LAW and Jacob LAM, using GPS and hydrographic instruments in the operation.