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DEPARTMENT OF
LAND SURVEYING AND GEO-INFORMATICS
土地測量及地理資訊學系



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HKIES CPD Function

Scan to Manage: How UAV and 3D Scanning Can Contribute in Construction

Organizer: The Hong Kong Institution of Engineering Surveyors (HKIES)
Date: 10-Sep-2019 (Tuesday)
Time: 19:00 – 20:30 (CPD hours 1.5)
Venue: Z405 at the Hong Kong Polytechnic University
Speaker: Sr LAM Lityin (President, HKIES)
Language: Cantonese and English
Admission: Free of charge
(priority will be given to members of HKIES and supporting organizations)

Deadline for enrollment is 31-Aug-2019, please register before the deadline.

[E-CPD cert. is available to attendants, \$40 for HKIES and supporting organizations, and \$80 for non-member.] If you want to apply for the e-presentation certificate, please transfer the relevant fees to the bank account before the event. Present the relevant records at the time of on-site registration.

Cash payment is not accepted at the site. 如欲申請電子出席證明，請於活動前銀行轉帳相關費用到本會帳號，再於現場登記時出示相關記錄，現場不接受現金付款*

Bank: Hang Seng Bank; A/C No.: 273-264960-001

Abstract:

Latest Remote Sensing Technology, including UAV (Unmanned Aerial Vehicle) photogrammetry and Laser Scanning methods, has been broadly used in different aspects. They can nowadays be used for site inspection, progress photo, mobile mapping, topographic survey and volumetric calculation, project management, etc. The result would also be integrated into other modeling platforms (such as CAD, GIS and BIM) for further application. Operation and processing time of these land surveying approaches would be greatly reduced comparing to traditional surveying methods. Construction professional would be benefited from their user-friendly, time-saving and cost-effective performance.

For instance, there are many infrastructure projects in Belt and Road countries and regions. Adopting these advance surveying technologies could not only enhance project efficiency and cost effectiveness, but also accumulating resource for Smart Cities establishment.

Sr LAM has used these technologies in many construction projects, in order to accelerate the pace of engineering surveying and enrich the whole building field. He would share experience of using remote sensing in various projects, and how they enhanced the effectiveness of project management.

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About the Speaker

Sr LAM is the Chairman of The Hong Kong Institution of Engineering Surveyors (HKIES) since 2008, and Council Member of Land Surveying Division of The Hong Kong Institute of Surveyors (HKIS) from 2014 to 2018. He has a particular interest in emergent surveying technologies and their potential for the construction sector. Sr LAM has been invited by many professional organizations as speaker for relevant issue.

Sr LAM is also the General Manager of D-Reality Consultancy Limited. He works in the engineering surveying profession for many significant infrastructure projects, including Hong Kong International Airport, West Rail Project, Hong Kong-Shen Zhen Western Corridor, Venetian Orient Cotai Parcel 5&6 (Macao), Express Rail Link (XRL), CEDD Liantang C3 project, MTR Kwun Tong Line Extension (Whampoa Station and overrun tunnel), etc.

(Note: Sr means Surveyor in Hong Kong)

All members and guests are welcome, and the number of participants is limited. Participants will be accepted on a first come first served basis. For enquiries, please call 5625 2312 or email to: cpd@hkies.org.hk.

Disclaimer: The Organizer(s) have not arranged any insurance coverage for any participants on any personal accident, property loss/damage or virus inflection arising from this CPD function. Participants should make their own insurance arrangement at their expenses. We reserve the right to change the date and venue at any time without prior notice.

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Reply Form

I, _____, confirm my intention to attend the **Scan to Manage: How UAV and 3D Scanning Can Contribute in Construction** on **10-Sep-2019**.

- I am a member of HKIES. Membership No. _____
- I am a member of supporting organization AIB/LSGI/HKCAC*
Membership No. _____
- I am not a member of HKIES/supporting organization.

Telephone no. _____

E-mail address _____

I would / would not * like to obtain the E- CPD certificate.

*delete as inappropriate

For registration, please email this form to cpd@hkies.org.hk

[Successful applicants will receive a confirmation email]