

9th Annual Seminar on Spatial Information Science and Technology (ASSIST 2014)

Friday 19th December 2014, Hong Kong

*****Announcement and Tgi kwt cvkqp

You are cordially invited to participate in the 9th of this annual seminar series, the impetus of which is to provide a forum for all participants working in the broad field of Spatial Information Science and Technology to showcase the work they are doing.

Unlike other conferences and symposia, the aim of ASSIST is to provide a friendly and relaxed atmosphere which allows participants to learn on current developments, to exchange ideas, and to establish new relationships. We hope that you can join us in making this a successful event.

We are pleased to offer discounted registration rates to groups of three (3) or above attendees who are from the same organization/company. The discount is not available on-site. In order to register at a discounted rate(s) as noted below, all registration forms and payment should be received **in advance (17th December 2014)**.

Host: The Department of Land Surveying and Geo-Informatics

Date: Friday 19th December 2014 (9:00 am to 5:30 pm)

Venue: Senate Room M1603, Li Ka Shing Tower, The Hong Kong Polytechnic University, Hung Hom

Language: English

Group Registration

Cost: \$200 for 3-5 registrants (including lunch);

\$160 for more than 5 registrants (including lunch).

Payment: By cheque only

(please prepare the cheque payable to "The Hong Kong Polytechnic University") and mail to "Miss Mandy Man, Department of Land Surveying and Geo-Informatics, The Hong Kong Polytechnic University Hung Hom, Kowloon")

Registration: <https://myacs.polyu.edu.hk/utis/mysurvey/index.php/896896/lang-en>

Individual Registration

Cost: \$250 including lunch (free for speakers)

Payment: By cheque, credit card or cash

Registration: <https://myacs.polyu.edu.hk/utis/mysurvey/index.php/223361/lang-en>

Suggested audience:

University Researchers Government Officers

Companies Members of Professional Institutions

Topics of interest included (but are not limited to):

Cartography Cadastre and Survey Law
Land Boundary Survey Environmental change and natural hazards
Location-based Services Intelligent Transportation Systems
Hydrographic surveying Positioning and navigation systems
Remote Sensing Photogrammetry
Spatial database Spatial decision support systems
Spatial information theory Spatial data modelling and visualisation
Sustainable urbanisation Web and wireless applications in GIS

Presentations: Maximum 25 minutes.

Abstracts: An abstract up to 400 words should be submitted to mary.chiu@polyu.edu full paper is required.

Deadline for Abstract Submission: 19th November 2014

Notification of Acceptance: 26th November 2014

Organizing Committee:

Dr. Lei ZHANG (Chairman)
Dr. Lilian PUN (Associated Head of Department)
Dr. Conrad TANG
Dr. Charles Wong
Miss Mandy MAN
Miss Mary CHIU

Seminar Programme

	8:40am	Registration
Section 1	9:15am	John, W.Z., SHI (Head of LSGI, PolyU) Welcome speech
	9:20am	Simon KWOK (President of HKIS) Welcome speech
	9:25am	John, W.Z., SHI (Chair professor and Head of LSGI, PolyU) Spatial Big Data in Smart City
	9:55am	King-hung KWOK (SMO) Modernisation of height system in Hong Kong
	10:20am	Charles WONG (LSGI, PolyU) Green Index Mapping in Hong Kong
	10:45am	Group Photo & Coffee break
Section 2	11:05am	P.W. Chan (HKO) Application of remote-sensing technology in the alerting of windshear and turbulence of Hong Kong International Airport
	11:30am	Biyang Chen (LSGI, PolyU) 3D Multi-Sensor Water Vapor Tomographic Modeling in Hong Kong and its Performance Evaluation
	11:55am	Choi-yin CHAN (SMO) “MyMapHK” - LandsD’s New Mobile Map App Service for the General Public
	12:20pm	Zhe YANG (LSGI, PolyU) Correlation Analysis of ROTI and Ionospheric Scintillation Indices Using Hong Kong Low-latitude Data
	12:45pm	Lunch at Chinese Garden (南北小廚)
Section 3	1:50pm	Oi-chi TSE (SMO) Using Airborne LiDAR to Create 3D Road Polygons
	2:15pm	A.C.T. SO (CEDD) Laser Scanning for Geotechnical Studies in Hong Kong
	2:40pm	Hoi-lee LAM (SMO) LiDAR Application in Hong Kong
	3:05pm	Break
Section 4	3:30pm	Conrad TANG (LSGI, PolyU) Hong Kong court cases on Adverse Possession
	3:55pm	Thomas LEE (Director, Star Vision Ltd) Integrated Digital Photogrammetry Approach for UAV photography, Traditional Vertical photography and Close Range photography
	4:20pm	MIAO Zelang (LSGI, PolyU) Integrated Spectral and Geometrical Information for Road Extraction from VHR Satellite Images
	4:45pm	Panel Discussion Coordinator: Prof. John SHI Topic: Future needs on spatial information technologies in Hong Kong (including GIS, remote sensing, satellite positioning, and advanced surveying techniques) Briefing: 3-5 minutes per person on technical needs in the department Proposed departments: SMO; CEDD; Highways Department; Planning Department; Water Supply Department; Transport Department; HK Observatory; EPD
	5:45pm	End

Venue Map

The Hong Kong Polytechnic University is located at the center of Kowloon, beside Hung Hom Station, Hung Hom Bus Terminal and Railway Station where connects the East Rail Line and West Rail Line.

By Mass Transit Railway (MTR):

Get off at Hung Hom station at Exit A and follow the directional signage for The Hong Kong Polytechnic University.

By Bus:

Take any tunnel bus passing Hong Kong Cross Harbour Tunnel, get off at the bus stop of Hong Kong Cross Harbour Tunnel. Take the footbridge leading to the podium of the University, and follow the directional signage for Li Ka Shing Tower on campus.

*Bus Routes Available: 101, 101R, 102, 102P, 102R, 103, 104, 106, 107, 108, 109, 110, 111, 112, 113, 115, 116, 117, 118, 170, 171, 171P, 182

By Motor Vehicle:

Enter PolyU campus along Cheong Wan Road and arrive at the roundabout for dropoff opposite to the tennis courts on Yuk Choi Road on campus. Take the stairs or lifts at Core S to the podium and follow the directional signage for Li Ka Shing Tower on campus.

PolyU Campus Map

