

# 6<sup>th</sup> Annual Seminar on Spatial Information Science and Technology (ASSIST'10)

## Third Announcement and Seminar Programme

You are cordially invited to participate in the 6th 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 in Hong Kong to showcase the work they are doing. This year, the seminar will be organised before the ICA Workshop on Theories of Map Design in Digital Era.

Unlike other conferences and symposia, the aim of ASSIST is to provide a friendly and relaxed atmosphere that will allow participants to gain an understanding of what is currently being done in Hong Kong, to exchange ideas, and establish new relationships. We hope that you can join us in making this a successful event.

Host: The Department of Land Surveying and Geo-Informatics  
Date: Wednesday 22<sup>nd</sup> September 2010 (ASSIST'10)  
Venue: Senate Room, Li Ka Shin Tower,  
The Hong Kong Polytechnic University, Hung Hom  
Language: English

Cost: \$100 including lunch (free for speakers)  
Payment: By cheque, cash or credit card (see the attached registration form)  
Registration: Please indicate your attendance, payment and/or presentation on the form

### Suggested audience:

University Researchers	Government Officers
Private Companies	Members of Professional Institutions

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

### Organising Committee:

Eric Guilbert  
George Liu  
Lilian Pun  
Zhilin Li  
Vaness Yu

## REGISTRATION FORM

### 6<sup>th</sup> Annual Seminar on Spatial Information Science and Technology

(ASSIST'10) – 22 September 2010

Please complete and fax, mail or e-mail this form to:

Vaness Yu  
Department of Land Surveying and Geo-Informatics  
The Hong Kong Polytechnic University  
Hung Hom, Kowloon

Email: lsvan@inet.polyu.edu.hk Fax: 2330 2994

Provide information as you wish it to appear on your badge and in the list of participants. One copy of this registration form should be completed for each participant. If mailing or faxing, please complete using a typewriter or block letters. **Please make a copy for your own records.**

#### PARTICIPANT INFORMATION

Family name \_\_\_\_\_ First name \_\_\_\_\_  
Title \_\_\_\_\_ Position \_\_\_\_\_  
Company/  
Organisation \_\_\_\_\_ Department \_\_\_\_\_  
Address \_\_\_\_\_  
\_\_\_\_\_

Phone \_\_\_\_\_ Fax \_\_\_\_\_

E-mail \_\_\_\_\_

Payment Method\* \$100 by Cash / Cheque / Credit Card *(Please circle)*

#### \*PAYMENT INFORMATION

(a) By Cash : At the registration desk  
(b) By Cheque\* : At the registration desk / By mail. *(Please circle)*  
*(Payable to "The Hong Kong Polytechnic University")*  
(c) By Credit Card\* : At the registration desk / By mail / By fax / By e-mail *(Please circle)*

Type of card\* VISA / MasterCard Expiry (MM/YY) \_\_\_\_\_ / \_\_\_\_\_  
Name of Cardholder \_\_\_\_\_  
Card number \_\_\_\_\_  
Cardholder's Signature \_\_\_\_\_ (Date) \_\_\_\_\_

## 6th Annual Seminar On Spatial Information Science And Technology (ASSIST'10)

Wednesday, 22<sup>nd</sup> September 2010  
The Hong Kong Polytechnic University, Senate Room M1603

9:00am	<u>Registration</u>
9:20am	Welcome speech by Xiaoli DING, Head of LSGI department
9:30am	<b>TSOI Cheong-wai</b> (SLS/LIC Lands Department) GeoInfo Map - An Internet GIS for Hong Kong
10:00am	<b>Qi ZHOU</b> and <b>Zhilin LI</b> (LSGI, PolyU) Continuous multi-scale representation of road network
10:25am	<b>Eric K.M. CHEUNG</b> (SMO, Lands Department) An Overview of Development and Applications of 3D Spatial Database in HKSAR Government
10:55am	<u>Coffee break</u>
11:15am	<b>Eric GUILBERT</b> (LSGI, PolyU) Contour line generalisation with consideration of landscape features
11:40am	<b>Hon-kwok FUNG</b> , <b>Bruce KING</b> (LSGI, PolyU), <b>Krzysiek MATUK</b> (Faculty of Computer Science, Bialystok University) and <b>Wen-zhong SHI</b> (LSGI, PolyU) An assessment of some 2D feature point detectors in the coarse registration of point clouds
12:05pm	<b>Eric YAU Chi-pang</b> (AECOM) Use of Geospatial Approach in Engineering Locational Data Processing
12:35pm	<u>Lunch</u>
1:45pm	<b>LI Yuet-sim</b> (Hong Kong Observatory) Recent experience in the provision of weather services using GIS and positioning technology in Hong Kong
2:15pm	<b>Bruce KING</b> (LSGI, PolyU) and <b>Henry LO</b> (Centre for Architectural Heritage Research, Department of Architecture, CUHK) Documentation of the Tai Fu Tai Mansion, Hong Kong, by terrestrial laser scanning and architectural drawings
2:40pm	<b>Gary YIP</b> and <b>Eric WONG</b> (Transport Department) Driving Route Search Service (DRSS) and Intelligent Road Network (IRN)
3:10pm	<b>George LIU</b> (LSGI, PolyU) A New Cycle Slip Detection Method for Single GPS Dual-frequency Receiver and Comparison with NRCAN & JPL Results
3:35pm	<b>Lei ZHANG</b> (LSGI, PolyU), <b>Zhong LU</b> (USGS) and <b>Xiaoli DING</b> (LSGI, PolyU) Temporarily Coherent Point SAR Interferometry: several case studies performed when staying in U.S. Geological Survey
4:00pm	<u>End</u>