



## LSGI Distinguished Lecture Series

### Spatial-temporal Data Mining and Urban Planning Applications

*by Prof. ZHAN Qingming,  
Director, Research Centre for Digital City,  
Wuhan University, China*



**Date : 7 October (Wednesday), 2015**

**Time : 11:30 AM**

**Venue : ZN604**

#### Abstract

Spatial-temporal data mining provides powerful methods and tools to analyze and extract rules and tendencies that are useful in many application areas especially in urban planning. China is undergoing rapidly urbanization process which provides us a lot of opportunities and challenges. This talk will focus on demands of spatial-temporal data mining in urban study and urban planning as well as challenges and potential applications. The speaker has been working in this field for 30 years and will demonstrate the issues together with real examples taken from several Chinese cities. Many aspects and problems in urban study and urban planning will be discussed that are related to urban growth, land use and spatial distribution, accessibility analysis, suitability evaluation, assessment of planning implementation, micro-climate change and wind path planning etc.

#### All interested are welcome

Please visit <https://myacs.polyu.edu.hk/utis/mysurvey/index.php/941633/lang-en> to fill in the registration form. All registered attendees will receive a Certificate of Attendance after the lecture.

