Hong Kong R&D Centre for Logistics and Supply Chain Management Enabling Technologies
香港物流及供應鏈管理應用技術研發中心

Latest Location-based Services (LBS) Technologies Development and Future Prospect

Date: 20 Oct 2015
Time: 9:00am – 5:00pm
Venue: Charles K. Kao Auditorium, Hong Kong Science Park

Time 時間	Programme 議程
09:00	**Registration (Morning Session) and Networking** 登記 (上午時段) 及業界交流時段
09:30	**Welcome Remarks 歡迎辭** Dr Sunny CHAI, Chairman of Board of Directors, LSCM R&D Centre LSCM 研發中心董事局主席查毅超博士
09:35	**Opening Remarks 開幕辭** Prof Joseph Kee Yin NG, Professor, Department of Computer Science, Hong Kong Baptist University / Co-Chairperson, Organising Committee of LBS Forum 香港浸會大學計算機科學學系教授 / 位置基礎服務技術論壇籌備委員會聯合主席吳其彥教授
09:45	**Keynote Speech 專題演講** Prof On Ching YUE, Science Advisor, Innovation and Technology Commission, The Government of the Hong Kong Special Administrative Region 香港特別行政區政府創新科技署科學顧問余安正教授 **Innovation and Technology in Location-based Information System** **創新及科技在定位資訊系統的應用**
10:00	**Keynote Speech 專題演講** Prof Georg GARTNER, Research Group Cartography, Department of Geodesy and Geoinformation, Vienna University of Technology / President, International Cartographic Association 維也納科技大學製圖學 Georg GARTNER 教授 / 國際製圖協會主席 **Getting Small is Getting Big – About the Future of LBS** **LBS的未來發展**

Hong Kong R&D Centre for Logistics and Supply Chain Management Enabling Technologies
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10:30	**Coffee Break 茶歇**
11:00	**Keynote Speech 專題演講** Prof Tao GU, Associate Professor, Computer Science and Information Technology, Royal Melbourne Institute of Technology (RMIT) University 澳洲皇家墨爾本理工大學計算機與訊息技術學院副教授顧濤教授 **Indoor Positioning via Smartphone Sensing** **基於智能手機傳感器的定位**
11:30	**Keynote Speech 專題演講** Mr Paul NG, Assistant Director, Survey and Mapping, Lands Department 地政總署測繪事務助理署長吳國偉先生 **Supporting Infrastructure for the Development of Location-based Services in Hong Kong** **發展香港位置基礎服務的基建配套**
11:50	**Plenary Session 研討環節** Discussion Topic: Trends, Opportunities and Challenges of LBS Technologies 專題討論：位置基礎服務技術的趨勢、機遇及挑戰 Panel Moderator: Mr Simon WONG, Chief Executive Officer, LSCM R&D Centre 主持人：LSCM研發中心行政總裁黃廣揚先生 Panelists 研討嘉賓： - Prof CH CHENG, Associate Professor, Department of Systems Engineering and Engineering Management, The Chinese University of Hong Kong / Co-Chairperson, Organising Committee of LBS Forum 香港中文大學系統工程與工程管理學系副教授 / 位置基礎服務技術論壇籌備委員會聯合主席鄭進雄教授 - Prof Georg GARTNER, Research Group Cartography, Department of Geodesy and Geoinformation, Vienna University of Technology / President, International Cartographic Association 維也納科技大學製圖學 Georg GARTNER 教授 / 國際製圖協會主席 - Prof Tao GU, Associate Professor, Computer Science and Information Technology, Royal Melbourne Institute of Technology (RMIT) University 澳洲皇家墨爾本理工大學計算機與訊息技術學院副教授顧濤教授 - Prof Joseph Kee Yin NG, Professor, Department of Computer Science, Hong Kong Baptist University / Co-Chairperson, Organising Committee of LBS Forum 香港浸會大學計算機科學學系教授 / 位置基礎服務技術論壇籌備委員會聯合主席吳其彥教授

	- Mr Paul NG, Assistant Director, Survey and Mapping, Lands Department 地政總署測繪事務助理署長吳國偉先生 **Listed in alphabetical order of panelists' surnames 按研討嘉賓姓氏的英文字母次序排列*
12:30	**Networking Luncheon 交流午宴**

20/10: Afternoon Session 下午時段

Time 時間	**Technology Seminar (Track 1)** **科技研討會 (分組一)** **Indoor Positioning & Tracking Technologies** **室內定位及追蹤技術**	**Technology Seminar (Track 2)** **科技研討會 (分組二)** **Real-time Locating System** **實時定位系統**
14:20	**Registration (Afternoon Session)** **登記 (下午時段)**	
14:30	**Indoor Location Analytics System** Prof Joseph Kee Yin NG Department of Computer Science, Hong Kong Baptist University **室內位置數據分析系統** 香港浸會大學計算機科學系 吳其彥教授	**Hong Kong GNSS Infrastructure for Surveying and Navigation, and Environment Monitoring** Prof Wu CHEN Department of Land Surveying and Geo-informatics, The Hong Kong Polytechnic University **香港衛星導航基礎設施在測量、導航及環境監測中的應用** 香港理工大學土地測量及地理資訊學系 陳武教授

14:50	**Design Considerations of Indoor Locationing Systems Using Angular and Timing Information** Prof Ke Li WU Department of Electronic Engineering, The Chinese University of Hong Kong 基於角度及時間訊息的室內定位系統在實際設計中所面臨的挑戰 香港中文大學電子工程學系 吳克利教授	**Spatio-temporal Similarity Model for Wi-Fi-based Indoor Localisation** Prof Victor OK LI Department of Electrical and Electronic Engineering, The University of Hong Kong 基於時空相似模型的室內定位 香港大學電機電子工程系 李安國教授
15:10	**RF Location Computing – Case Sharing of the Use of RF Localisation Techniques in LBS Sensing and Navigation** Dr Frank TONG LSCM R&D Centre 無線射頻定位計算 -- 在位基感應和導航中使用射頻定位技術的案例分享 LSCM 研發中心唐志鴻博士	**Ultra-wide Band Technology for Real-time Asset Positioning and Tracking** Mr Martin LAI LSCM R&D Centre 用於實時資產跟蹤的超寬帶定位技術 LSCM 研發中心黎振偉先生
15:30	**Coffee Break 茶歇**	

16:00	**Passive RFID Positioning Technology and Applications** Dr Hai Long ZHU LSCM R&D Centre 無源 **RFID** 定位技術及應用 LSCM 研發中心朱海龍博士	**Using Video Analysis and Ad-hoc Wireless Connection Technologies to Detect Specific Objects for Tracking and Managing Resources** Dr Dorbin NG Department of Systems Engineering and Engineering Management, The Chinese University of Hong Kong 利用視頻分析及臨時無線連接技術去檢測特定目標用以跟蹤與管理資源 香港中文大學 系統工程與工程管理學系 吳道賓博士
16:20	**Indoor Positioning Based on Wireless Fingerprinting Technologies** Prof Gary CHAN Department of Computer Science and Engineering, The Hong Kong University of Science and Technology 用於室內定位的無線指紋識別技術 香港科技大學計算機科學及工程學系 陳雙幸教授	**Location-based Technologies for Asset Tracking and Risk Management** Dr Eric LUO Department of Building and Real Estate, The Hong Kong Polytechnic University 基於定位技術之資產追蹤及風險管理 香港理工大學建築及房地產學系 羅小春博士
16:40	**Q&A 答問環節**	

**Remark: Programme rundown is subject to change without prior notice*
註：議程如有更改，恕不另行通知