



RESEARCH INSTITUTE
FOR SUSTAINABLE URBAN DEVELOPMENT
可持續城市發展研究院



THE HONG KONG
POLYTECHNIC UNIVERSITY
香港理工大學



Workshop on Smart Urban Transportation

RISUD Annual International Symposium 2018 (RAIS 2018)
Research Institute for Sustainable Urban Development (RISUD)
The Hong Kong Polytechnic University

Date: 30 June 2018 (Saturday)

Time: 9:00am- 6:00pm

Venue: 3/F, Block V, The Hong Kong Polytechnic University, Hung Hom, Kowloon

Workshop co-chairs: Prof. Anthony Chen, Dr. Tony Sze

Session 1 (Session Chair: Prof. Anthony Chen)	
9:00 – 10:15	Emerging research issues in ride-sourcing markets <i>Hai Yang (Hong Kong University of Science and Technology)</i>
	Evaluation of the Singapore private hire scenario and the regulatory framework <i>Der-Horng Lee (National University of Singapore)</i>
	Modeling people movement in metro and densely populated premises <i>S.M. Lo (City University of Hong Kong)</i>
10:15 – 10:45	Coffee Break (Foyer 3/F, Block V)
Session 2 (Session Chair: Prof. Agachai Sumalee)	
10:45 – 12:00	Extended producer responsibility vs. extended consumer responsibility – syncretic value joint creation using trade-in-for-upgrade programs <i>Jiuh-Biing Sheu (National Taiwan University)</i>
	Network design problem considering system minimization and road safety maximization <i>I. Haas and S. Bekhor (Technion - Israel Institute of Technology)</i>
	Exact loading and unloading strategies for the static multi-vehicle bike repositioning problem <i>W.Y. Szeto and C.S. Shui (The University of Hong Kong)</i>
12:15 – 14:00	Lunch

Session 3 (Session Chair: Prof. Edward Chung)	
14:00 - 15:15	Big data analytics approach for estimation of freight activities from GPS data <i>Agachai Sumalee, Treerapot Siripirote and H.W. Ho (The Hong Kong Polytechnic University)</i>
	Incorporating big data in spatially aggregated crash models <i>Pan Liu and J. Bao (Southeast University)</i>
	Modeling road user behavior and safety with the use of disaggregated activity and driving data <i>N.N. Sze (The Hong Kong Polytechnic University)</i>
15:15 - 15:45	Coffee Break (Foyer 3/F, Block V)
Session 4 (Session Chair: Dr. Tony Sze)	
15:45 - 17:30	Can traffic shockwaves on freeway be detected in real-time? <i>P. Cao, Q.C. Fan and X.B. Liu (Southwest Jiaotong University)</i>
	Individual driver advisory at weaving section <i>David Sulejic, Nasser Sabar and Edward Chung (The Hong Kong Polytechnic University)</i>
	Panel Discussion

***** All Interested Are Welcome *****

For further information, please contact Prof. Anthony Chen at Tel. 3400-8327.
Free Admission. Please reserve your seat with Ms. Connie F.Y. Lam by email: fyc.lam@polyu.edu.hk.