

## Schedule Overview 12 December 2015 (Saturday)

<b>08:30 – 09:00</b>	<b>Registration</b> (Pre-Function Area)
<b>09:00 – 09:20</b> <b>Opening Session</b> (Picasso Room)	<b>Opening Address by Ir. Prof. William H.K. LAM</b> President, Hong Kong Society for Transportation Studies (HKSTS)
	<b>Opening Address by Prof. K.F. WONG</b> Associate Dean, Faculty of Engineering, The Chinese University of Hong Kong
<b>09:20 – 9:55</b> <b>Keynote Address</b> (Picasso Room)	<b>Keynote Address by Mr. Kar-kan LING, JP</b> Director of Planning, Planning Department, The Government of the Hong Kong Special Administrative Region
<b>9:55 – 10:30</b>	<b>Coffee Break</b> (Pre-Function Area)
	<b>Transportmetrica A: Transport Science (TTRA)-Editorial Board Meeting</b> (Café On M, Mezzanine Level)
<b>10:30 – 12:00</b> <b>Plenary Session I</b> (Picasso Room)	<b>The Impact Evaluation of Transport Policies: A World Bank Experience</b> <b>Dr. Andreas KOPP</b> The World Bank
	<b>Exploration of Vehicular Exhaust and Noise Emissions</b> <b>Prof. Wing-tat HUNG</b> The Hong Kong Polytechnic University
	<b>Modeling Multi-Period Customer-Searching Behavior of Taxi Drivers</b> <b>Dr. R.C.P. WONG</b> The University of Hong Kong
<b>12:00 – 13:30</b>	<b>Conference Lunch</b> (Academy Room, 1/F)
<b>13:30 – 15:00</b> <b>Parallel Session A</b>	A1 (Picasso Room A) Transportation Infrastructure and Built Environment (I)
	A2 (Picasso Room B) Sustainability Issues in Transportation (I)
	A3 (Monet Room A) HKSTS Outstanding Student Paper Award
	A4 (Monet Room B) Transport Dynamics (I)
	A5 (Picasso Room) Travel Behavior Modeling (I)
<b>15:00 – 15:30</b>	<b>Coffee Break</b> (Pre-Function Area)
	<b>Transportmetrica B: Transport Dynamics (TTRB)- Editorial Board Meeting</b> (Café On M, Mezzanine Level)
<b>15:30 – 17:00</b> <b>Parallel Session B and Poster Session</b>	B1 (Picasso Room A) Transportation Infrastructure and Built Environment (II)
	B2 (Picasso Room B) Bus Systems
	B3 (Monet Room A) Travel Behavior Modeling (II)
	B4 (Monet Room B) Transport Dynamics (II)
	<b>Poster Session</b> (Picasso Room)

## Schedule Overview 14 December 2015 (Monday)

<b>08:30 – 09:00</b>	<b>Registration</b> (Pre-Function Area)
<b>09:00 – 11:00</b> <b>Plenary</b> <b>Session II</b> (Picasso Room)	<b>Experiences in Practical Spatial Economic Modelling Using The PECAS Framework</b> <b>Prof. John Douglas HUNT</b> University of Calgary, Canada
	<b>Arterial Signal Progression: From MAXIBAND to MULTIBAND</b> <b>Prof. Gang-len CHANG</b> University of Maryland, U.S.A.
	<b>Agent-Based Activity/Travel Microsimulation: What's Next?</b> <b>Prof. Eric J. MILLER</b> University of Toronto, Canada
	<b>Routing, Logistics and Management of Recharging Infrastructure for Electric Vehicles</b> <b>Prof. Pitu MIRCHANDANI</b> Arizona State University, U.S.A.
<b>11:00 – 11:20</b>	<b>Coffee Break</b> (Pre-Function Area)
	<b>Travel Behaviour &amp; Society (TBS)-Editorial Board Meeting</b> (Café On M, Mezzanine Level)
<b>11:20 – 12:45</b> <b>Parallel</b> <b>Session C</b>	C1 (Picasso Room A) Transport Geography and Policy
	C2 (Picasso Room B) Big Data in Transportation
	C3 (Monet Room A) Transport Reliability and Resilience
	C4 (Monet Room B) Transport Dynamics (III)
	C5 (Picasso Room) Travel Behavior Modeling (III)
<b>12:45 – 13:45</b>	<b>Conference Lunch</b> (Academy Room 1/F)
<b>13:45 – 15:10</b> <b>Parallel</b> <b>Session D</b>	D1 (Picasso Room A) Logistics and Supply Chain Management (I)
	D2 (Picasso Room B) Transport Networks(I)
	D3 (Monet Room A) Travel Behavior Modeling (IV)
	D4 (Monet Room B) Transport Dynamics (IV)
	D5 (Picasso Room) Sustainability Issues in Transportation (II)
<b>15:10 – 15:30</b>	<b>Coffee Break</b> (Pre-Function Area)
<b>15:30 – 16:55</b> <b>Parallel</b> <b>Session E</b>	E1 (Picasso Room A) Logistics and Supply Chain Management (II)
	E2 (Picasso Room B) Transport Networks (II)
	E3 (Monet Room A) Technology and Information
	E4 (Monet Room B) Transport Safety
	E5 (Picasso Room) Travel Behavior Modeling (V)
<b>16:55 – 17:20</b> <b>Closing</b> <b>Session</b> (Picasso Room)	<b>Presentation of the HKSTS Outstanding Student Paper Award</b>
	<b>Closing Address by Prof. Janny M.Y. LEUNG</b> Chairperson, 20 <sup>th</sup> International Conference of HKSTS
	<b>Address by Prof. W.G. WONG</b> Chairperson, 21 <sup>st</sup> International Conference of HKSTS

<b>17:20 – 18:00</b>	Free Time
<b>18:00 – 21:00</b>	Conference Banquet (Picasso Room, InterContinental Grand Stanford Hong Kong)

## Detailed Presentation Schedule 12 December 2015 (Saturday)

13:30 – 15:00	<b>A1 (Picasso Room A) <i>Session Chair: Dr. Andy H.F. CHOW</i></b> <b>Transportation Infrastructure and Built Environment (I)</b>
<u>Ka Fai NG</u> and Hong K. LO	Evaluation Of Joint Railway And Property Projects Via Option Pricing
<u>Le ZHANG</u> and Weihua GU	A Bottom-Up Solution For The System-Level Joint Optimization Of Pavement Maintenance And Rehabilitation Planning
<u>Junlin ZHANG</u> and Hai YANG	Optimal Transit Fare And Frequency Under Distributed Passengers' Willingness To Pay
Aris PAVLIDES and <u>Andy H.F. CHOW</u>	Cost Functions For Heterogeneous Railway Timetables

13:30 – 15:00	<b>A2 (Picasso Room B) <i>Session Chair: Prof. André W. HEINEMANN</i></b> <b>Sustainability Issues in Transportation (I)</b>
S.R. HU, C.P CHU and <u>H.P. HUANG</u>	Evaluation Of Differential Pricing Strategies On Congested Freeway Corridors - A Case Study Of The Hsuehshan Tunnel Of Freeway No. 5
<u>Yi WANG</u> and W. Y. SZETO	Environmentally Sustainable Network Design Using Pareto Optimization
<u>C.H. LIAO</u> , Yen-Yu CHEN and K.I. WONG	Crash Surrogate Measures For Mixed Traffic Flow
<u>Lu LI</u> , Hong K. LO and Xuekai CEN	Optimal Mixed Bus Fleet Design For Overall Cost Reduction
<u>A.W. HEINEMANN</u> , A. KNORR and N. OTTER	Urban Transport Infrastructure Funding In Cities Within Multilevel Systems: The Problems Of Local Decision-Making In Complex Fiscal Governance Structures

13:30 – 15:00	<b>A3 (Monet Room A) <i>Session Chair: Dr. Stephen W.K. LAM</i></b> <b>HKSTS Outstanding Student Paper Award</b>
<u>C.S. SHUI</u>	Impact Of Bicycle-Sharing System On The Competitions Between Transit Operators In Linear Monocentric City
<u>Seunghyeon LEE</u>	Real-Time Estimation Of Lane-Based Queue Lengths At Isolated Signalized Junctions
<u>Fangni ZHANG</u>	Managing The Multimodal Transportation System With Roadway Space Distribution And Responsive Bus Services

13:30 – 15:00	<b>A4 (Monet Room B) <i>Session Chair: Dr. D. NGODUY</i></b> <b>Transport Dynamics (I)</b>
<u>Hao LI</u> , Hai YANG and Lixin MIAO	Bimodal Interaction Within Highway Congestion And Transit In-Vehicle Crowding With Heterogeneous Commuters

<u>Elaine SCHNEIDER DE CARVALHO</u> , Soora RASOULI And Harry TIMMERMANS	Towards A Dynamic Disappointment And Regret-Based Model Of Route Choice Behaviour: Formulation And Results Of Numerical Simulation
<u>Nam Hong HOANG</u>	A Linear Approach To The Dynamic User Optimal Assignment Problem
<u>Xinwei LI</u> and Hai YANG	Dynamic Modal Choice Of Heterogeneous Travelers With Responsive Transit Operation
<u>D. NGODUY</u> , L.M. KIEU, A. NANTES and H.L. Vu	Calibration Of Stochastic Microscopic Models

13:30 – 15:00	<b>A5 (Picasso Room) <i>Session Chair: Prof. Harry TIMMERMANS</i></b> <b>Travel Behavior Modeling (I)</b>
<u>S. JANG</u> , Soora RASOULI and H.J.P. TIMMERMANS	Influence Of Measurement Error In Discrete Choice Models: Utility Maximizing Versus Random Regret Models
<u>Woonho PARK</u> , Keechoo CHOI and Chang-Hyeon JOH	An Analysis Of Trip Chain Choice Using A Combination Of Nested Logit And Markov Chain: A Case Study Of Household Travel Survey In Seoul Metropolitan Area
<u>J.H. HWANG</u> , H.M. KIM, S.J. CHO, T. BELLEMANS, W.D. LEE, Keechoo CHOI , S.H. CHEON and C.H. JOH	Improved Method For Validating The Simulated Travel Behavior By Using Both The Smart Card And Navigation Data
<u>M. ZHOU</u> , D. WANG, Q. LI, W. TU, R. CAO and J. CAO	Examining The Impact Of Daily Weather On Urban Public Transport Passenger Travel Behavior Using Smart Card Data
Bilin HAN and <u>Harry TIMMERMANS</u>	Modeling Two-Adults Household With Children Job Application Decisions Under Social Influence

15:30 – 17:00	<b>B1 (Picasso Room A) Session Chair: Prof. Junyi ZHANG</b> <b>Transportation Infrastructure and Built Environment (II)</b>
<u>Shiyong LIN</u>	Comparative Study On Mechanical And Acoustic Properties Of Stone Mastic Asphalt And Polymer Modified Friction Course In Hong Kong
Chunyang LI, <u>Helai HUANG</u> and Qiang ZENG	Crash Protectiveness To Occupant Injury And Vehicle Damage: An Investigation On Major Car Brands
<u>Chenglong LIU</u> , Yuchuan DU, Siyu LI and Lijun SUN	Automobile Fuel Consumption And Pavement Roughness: Implications For Road Maintenance
<u>Yuhong WANG</u> , Dan CHONG and Yong WEN	The Experience Of Using Mechanistic-Empirical Pavement Design Method In Hong Kong
David Perez <u>BARBOSA</u> and Junyi ZHANG	Identification Of Transport-Based Social Exclusion In Developing Countries

15:30 – 17:00	<b>B2 (Picasso Room B) Session Chair: Prof. S.C.(Chan) WIRASINGHE</b> <b>Bus Systems</b>
<u>Sai CHAND</u> and Vinayak V. DIXIT	Safety Of Passengers At The Curbside Bus Stop In A Developing Country
Yuchuan DU and <u>Linghan ZHENG</u>	Analysis Of Urban Bus Bunching Based On Bus-Stop Announcements Data
Qianchao LIU, <u>Bomin BIAN</u> , Ning ZHU, Shoufeng MA and Zhengbing HE	A Simulation-Based Model For Analyzing Queueing Factors At Curbside Bus Stop
<u>Yusuke WATANABE</u> , Toshiyuki NAKAMURA, Nobuhiro UNO and Jan-Dirk SCHMÖCKER	Estimation Of Passengers Alighting At A Bus Stop Based On Smart Card Data Using Bayesian Networks
Md Matiur RAHMAN, <u>S.Chan WIRASINGHE</u> and Lina KATTAN	Bus Dwell Time Under Severe Weather Conditions

15:30 – 17:00	<b>B3 (Monet Room A) Session Chair: Dr. Soora RASOULI</b> <b>Travel Behavior Modeling(II)</b>
<u>S. RASOULI</u> and H.J.P. TIMMERMANS	Population Fraction, Number Of Simulation Runs And Model Uncertainty: Results For Albatross Travel Demand Model System
<u>Jaisung CHOI</u> , Sungkyu KIM, Junhyoung YEON and Sangyoup KIM	Pedestrians' Walking Behaviors And Satisfaction Levels: How They Vary With Sidewalk Characteristics?

<u>Y. GAO</u> , S. RASOULI, H.J.P. TIMMERMANS and Y. WANG	Analyzing Effects Of Personality And Mood On Travel Satisfaction: A Path Analysis Model
<u>Gowri ASAITHAMBI</u> and Gugulothu SHRAVANI	Overtaking Behaviour Of Vehicles On Undivided Roads Under Mixed Traffic Conditions
<u>Junpei KAMEGAI</u> and Daisuke FUKUDA	Comparison Of Analytical Approximation Methods For Multinomial Probit Model: A Case Study With Passenger's Rail-Route Choice Analysis In The Tokyo Metropolitan Area

15:30 – 17:00	<b>B4 (Monet Room B) Session Chair: Dr. W.Y. SZETO</b> <b>Transport Dynamics (II)</b>
Y. JIANG and <u>W.Y. SZETO</u>	Multi-Class Dynamic Traffic Assignment: Intersection-Movement-Based Formulation And Paradox
L.Y. DONG, <u>D.K. LAN</u> and X. LI	Simulation Of Pedestrian Counter Flow Through A Bottleneck In A Channel
<u>S.Q. XIE</u> , S.C. WONG and William H. K. LAM	Microscopic Pedestrian Decision Model
<u>P. WANG</u> , T. AKAMATSU and K. WADA	Empirical Research On The Occurrence Mechanism Of Congested Regime In A Macroscopic Fundamental Diagram
F.Y. TASCIKARA OGLU, J. LIORIS, A. MURALIDHARAN, M. GOUY and <u>P. VARAIYA</u>	PointQ Model Of An Arterial Network: Calibration And Experiments

15:30 – 17:00	<b>Poster Session (Picasso Room) Session Chair: Dr. Yong-Hong KUO</b>
<u>Nahry YUSUF</u> , ALVINSYAH and Fitri SURYANI	The Assessment Of Java North Coast Double Track System For Goods Movement
Mingyun GAO, <u>Shuhua MAO</u> , Helai HUANG and Ni DONG	A Novel Approach Of Boundary Crash Data Aggregation For Macroscopic Safety Analysis
C. FLORES DIAZ, C. A. NUNES COSENZA and <u>F. MORA-CAMINO</u>	Towards Collaborative Decision Making For Air Transportation Networks
<u>Fumiaki DEMIZU</u> , Yeun- Touh LI, Jan-Dirk SCHMÖCKER, Toshiyuki	Demand Impact Of High Speed Rail Construction In North-East Japan

NAKAMURA and Nobuhiro UNO	
<u>Jie WANG</u> and Helai HUANG	Bayesian Hierarchical Joint Model: A Proactive Tool For Road Network Safety Evaluation
Jian WANG, <u>Xiaowei HU</u> , Longhai YANG and Cuixia LI	The Impact Of Freeway's Truck Toll By Weight Policy And Its Optimization Strategies
<u>H. Y. LO</u> , P. C. LIU, Yen- Yu CHEN and K.I. WONG	Traffic Characteristics Of Mixed Traffic Flow In Roundabouts
<u>Longhai YANG</u> , Xiaowei HU and Lin FANG	Urban Road Traffic Carbon Emissions Tax Policy And Its Impact On Traffic Distribution
Yuchuan DU, Linghan ZHENG and <u>Shuling WANG</u>	Research Of Key Intersections And Stops On Bus Route Based On GPS Data
<u>Ming ZHONG</u> , John Douglas HUNT, Jianzhong LI and Wei YANG	Design And Implementation Of An Integrated Land-Use Transport Demo Model Using PECAS Framework Of City Of Wuhan
<u>Yifan HAN</u> and John ZACHARIAS	Bicycling Rate And Weather
<u>Yu XIAO</u> , Hong K. LO and Gege JIANG	Modeling Day-To-Day Departure Time Choice With Information Sharing Among Travelers
<u>Cheng-Hsien HSIEH</u> , Cheng-Min FENG and Chia- Ti LU	Determining The Critical Factors Affecting Cold Chain Vulnerability Based On Gray Theory: A Case Of Pork Companies
<u>Wei GU</u> , Xiangdong XU, Chao YANG and Anthony CHEN	Travel Time Reliability Estimation Methods: Analytical Estimation Versus Distribution Fitting

## Detailed Presentation Schedule 14 December 2015 (Monday)

11:20 – 12:45	<b>C1 (Picasso Room A) <i>Session Chair: Prof. Daisuke FUKUDA</i></b> <b>Transport Geography and Policy</b>
<u>H-S. LEUNG</u> and K.P. WIJAYARATNA	Implications Of Parking Policy On Traffic Flow Within Urban Environment
C.P. CHU, S.R. HU, C.L. CHIANG and <u>Y.T. LU</u>	Road Space Rationing Policies For Freeway Holiday Congestion Management In Taiwan - A Simulation Approach
<u>Chaoyi SHAO</u> , Hai YANG and Jintao KE	Managing Reservation And Allocation Of Residential Parking Spaces
<u>M. ALQHATANI</u> , I. ESPADA and A. ALRASHIDE	The Effect Of Land Use And Transport On Travel Patterns In Melbourne, Australia
<u>Masanori MIZUGUCHI</u> and Daisuke FUKUDA	Long-Term Time-Series Modeling Of Traffic Demand For Urban/Interurban Expressways In Japan

11:20 – 12:45	<b>C2 (Picasso Room B) <i>Session Chair: Prof. Yu-Chiun CHIOU</i></b> <b>Big Data in Transportation</b>
Yu-Chiun CHIOU and <u>Chih-Wei HSIEH</u>	A Virtual Trip Line Matching Model For Positioning And Tracking Cellular Probe Vehicles Based On Multiple Geolocation Points
<u>Hima Elsa SHAJI</u> , Deepika SRIDHARAN, Akhilesh KOPPINENI and Lelitha VANAJAKSHI	Pattern Analysis Of Taxi GPS Data
<u>Angel J. LOPEZ</u> , Paola ASTEGIANO, Chris TAMPÈRE, Sidharta GAUTAMA and Carolien BECKX	Investigating The Mobility Habits Of Electric Bike Owners Through GPS Data
<u>P. WEPULANON</u> , W.H.K. LAM and A. SUMALEE	Deriving Student Activity Sequences And Developing Smart Application Using Big Data In Campus
<u>E. UA-AREEMITR</u> , W.H.K. LAM and A. SUMALEE	Introduction Of Using Time-Spatial Image (TSI) Estimating Macroscopic Pedestrian Flow Information

11:20 – 12:45	<b>C3 (Monet Room A) Session Chair: Prof. Anthony CHEN</b> <b>Transport Reliability and Resilience</b>
<u>Bei WANG</u> and W.Y. SZETO	Reliability-Based User Equilibrium In Degradable Transport Networks With Speed Limits
<u>Sarawut JANSUWAN</u> , Anthony CHEN, Kitti SUBPRASOM, Kasem PINTHONG and Nakorn Indra-Payoong	Development Of A Decision Support System For Assessing Vulnerability Of National Highway Networks: Case Study Of 2011 Mega Flood In Thailand
<u>Shuyang ZHANG</u> and Hong K. LO	Optimal Initiation Time Of Substitute Bus Services After A Metro Incident
Andy H.F. CHOW and <u>Matthew Y.C. TSANG</u>	Simulation And Optimisation Of Metro Train Operations Under Disruptions

11:20 – 12:45	<b>C4 (Monet Room B) Session Chair: Prof. Hai L. VU</b> <b>Transport Dynamics (III)</b>
T. ISLAM, <u>H.L. VU</u> , M. PANDA, N. HOANG and D. NGODUY	The Accuracy Of Cell-Based Dynamic Traffic Assignment: Impact Of Signal Control On System Optimality
<u>Z.Y. LIN</u> , S.C. WONG, P. ZHANG, Y.Q. JIANG and K. CHOI	A Predictive Continuum Dynamic User-Optimal Model For A Polycentric Urban City
<u>Weihua GU</u> , Haoyu CHEN, Yiguang XUAN and Yu MEI	Providing Bus Signal Priority Without Damaging Car Discharge Capacities
S. R. HU, <u>C.C. CHOU</u> and Y. N. CHEN	Analysis Of The Statistical Distributions Of Freeway Traffic Flow And Occupancy Data In Taiwan
<u>Seungkyu RYU</u> , Anthony CHEN, Jacqueline SU and Keechoo CHOI	Considering Route Cognition In Bicycle Traffic Assignment With One Or More User Classes

11:20 – 12:45	<b>C5 (Picasso Room) Session Chair: Prof. John THØGERSEN</b> <b>Travel Behavior Modeling (III)</b>
<u>Paola ASTEGIANO</u> , Deniz AKINC, Chris M.J. TAMPÈRE and Martina VANDERBROEK	Endogenizing Daily Modal Choice To Explain Vehicle Ownership Decisions

<u>Yulin HUANG</u> , Jun LI and Xinjun LAI	Floating Car Route Choice Modeling And Analysis Based On Cumulative Prospect Theory
Chieh-Hua WEN and <u>Peng-Chuan LI</u>	An Airport Access Mode Choice Model For New Light Rail: Latent Class Modeling Using Stated Preference Data
Eleni <u>CHARONITI</u> , Soora RASOULI and Harry TIMMERMANS	Regret-Based Modeling Of Heterogeneous Route Choice Behavior Under Uncertainty: Results From A Context-Dependent Stated Choice Experiment
<u>Sylvia Y. HE</u> and John <u>THØGERSEN</u>	Travel Mode Choice And Car Ownership In Guangzhou, China

13:45 – 15:10	<b>D1 (Picasso Room A) <i>Session Chair: Prof. Stein W. WALLACE</i></b> <b>Logistics and Supply Chain Management (I)</b>
<u>Y. LIU</u> , W. Y. SZETO, Sin C. HO and S. C. WONG	A Static Repositioning Problem With Multiple Vehicles In Bike-Sharing Systems
<u>Yiran CHENG</u> and W. Y. SZETO	Artificial Bee Colony Approach To Solve The Electric Vehicle Routing Problem
<u>David S.W. LAI</u> and Janny M.Y. LEUNG	Real-time Re-Scheduling and Disruption Management for Public Rail Transit
<u>Stein W. WALLACE</u> and Yifei ZHAO	Stochastic Facility Layout

13:45 – 15:10	<b>D2 (Picasso Room B) <i>Session Chair: Dr. R.C.P. WONG</i></b> <b>Transport Networks (I)</b>
<u>Yang LIU</u> , Hao PANG and Yun YUAN	A Infinite-Line Capacity Spatial Queuing Model With Non-Homogeneous Services For Emergency Vehicle Location Problem: Formulation, Solution, And Case Study
<u>S. SUN</u> , W.Y. SZETO and R.C.P. WONG	Transit Network Design For Columbarium Trips: Insights Of Public Transport Policy Measures
<u>Kwan Wai WONG</u> , Gon Yee LUI and Oi Yee CHUNG	Airport Express As A Seamless Integrated Form Of Public Transit
<u>Jingsi LI</u> , T.-C. LEE and Runqiu PAN	Investigating The Relationship Between Street Centrality And Traffic Congestion
<u>Wai WONG</u>	Development Of Spatially Variable Macroscopic Bureau Of Public Roads Function

13:45 – 15:10	<b>D3 (Monet Room A) <i>Session Chair: Prof. Jos VAN OMMEREN</i></b> <b>Travel Behavior Modeling (IV)</b>
Martin W. ADLER and <u>Jos N. VAN OMMEREN</u>	Does Public Transit Reduce Car Travel Externalities? Quasi-Natural Experiments' Evidence From Transit Strikes
<u>Yoshikazu KIKUCHI</u> and Daisuke FUKUDA	Rail Passengers' Departure Time Choice Model In The Tokyo Metropolitan Area Considering The Effects Of In-Vehicle Congestion
<u>Chien-Hung WEI</u> and Kai-Ming CHANG	Will Quiet Carriage In High Speed Rail Service Enhance Customer Satisfaction- Applying Dramaturgical Theory And Critical Incident Technique
<u>Chieh-Hua WEN</u> and Yuan-Chi CHAN	Positioning And Competitive Analysis For Urban Travel Modes

<u>John ZACHARIAS</u> , Xuwen LI and Guibo SUN	Shifting From Metro To Sustainable Surface Modes For Short-Distance Travel
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13:45 – 15:10	<b>D4 (Monet Room B) <i>Session Chair: Prof. Feng XIAO</i></b> <b>Transport Dynamics (IV)</b>
H.B. YE, <u>F. XIAO</u> and H. YANG	Empirical Analyses Of Day-To-Day Flow Dynamics By Online Virtual Route-Choice Experiment
<u>P. THAITHAKUL</u> , T. SEO, T. KUSAKABE and Y. ASAKURA	Day-To-Day Dynamics Of Passenger Matching Problem In Smart Ridesharing Systems
<u>Mohsen RAMEZANI</u> , Mehmet YILDIRIMOGLU and Nikolas GEROLIMINIS	Day-To-Day Dynamics For Large-Scale Networks With Perimeter Control And Route Choice
<u>Gege JIANG</u> , Hong K. LO and Yu XIAO	The Impact Of Multi-Source Information On Day-To-Day Within-Day Traffic Dynamics

13:45 – 15:10	<b>D5 (Picasso Room) <i>Session Chair: Prof. Seungjae LEE</i></b> <b>Sustainability Issues in Transportation (II)</b>
<u>Seungjae LEE</u> , Chanhee OH, Jooyoung KIM and Yongjin KIM	Traffic Management Schemes To Improve Air Quality Using Activity Based Model: A Case For Haenggung-Dong, City Of Suwon
<u>Mei Lam TAM</u> and William H.K. LAM	Evaluation Of Green Transport Systems By Importance-Performance Analysis Approach
<u>A. BAETZNER</u>	Elevated Connectors Formalizing Informal Urban Transport: A Comparison Of Elevated Walkways, Cableways And People Movers
<u>Xuekai CEN</u> , Hong K. LO and Lu LI	A Mixed-Equilibrium Model With Electric Vehicles Traversing Charging Stations
<u>Alice S.Y. CHOW</u>	Spatial-Modal Scenarios Of Greenhouse Gas Emissions From Commuting In Hong Kong

15:30 – 16:55	<b>E1 (Picasso Room A) <i>Session Chair: Prof. Achim CZERNY</i></b> <b>Logistics and Supply Chain Management (II)</b>
A.I. CZERNY, Zijun SHI and <u>Anming ZHANG</u>	Can Market Power Be Controlled By Regulation Of Core Prices Alone?: An Empirical Analysis Of Airport Demand And Car Rental
Leonardo J. BASSO, <u>Yulai WAN</u> and Anming ZHANG	Seaport Competition, Ownership And Strategic Investments In Accessibility
<u>Zuopeng XIAO</u> , James J. WANG and James H. LENZER, Jr.	The Role Of Geographic Specificity Of Logistics For E-Commerce Companies' Inter-Firm Integration: A Case Study Of Alibaba
<u>A.I. CZERNY</u> , E.T. VERHOEF and Anming. ZHANG	The Effect Of Uncertainty Types On Carrier Capacity And Policy

15:30 – 16:55	<b>E2 (Picasso Room B) <i>Session Chair: Prof. Richard KLOPHAUS</i></b> <b>Transport Networks (II)</b>
Oriol LORDAN and <u>Richard KLOPHAUS</u>	Vulnerability Of Global Airline Alliances: A Complex Network Approach
<u>Pruethipong SINGHATIRAJ</u> , Chatchai CHUANGCHING and Boonkua JANBANJONG	Investment Plans For The Don Muang Tollway - Northern Extension Project
<u>K.P.D. FRANK PERERA</u> and W.W. ANUJA SHAMINI FENANDO	Efficiency Improvement Of Srilankan Airline's Department Of Network Planning By Eliminating Manual And Paper Works Through The Automation Key Task Of The Process
<u>Xingang LI</u> and William H.K. LAM	Rainfall Impacts On Macroscopic Fundamental Diagram Of Urban Network
<u>Koki SATSUKAWA</u> and Kentaro WADA	Effect Of Origin-Destination Structures On Network Performance: Some Simple Examples

15:30 – 16:55	<b>E3 (Monet Room A) <i>Session Chair: Prof. Helai HUANG</i></b> <b>Technology and Information</b>
<u>K. KERKMAN</u> , K. MARTENS and H. MEURS	A Spatial Interaction Model of Public Transportation Travel Flows in the Arnhem Nijmegen Region, The Netherlands
Helai HUANG, Meng LI, <u>Liang ZHENG</u> , Huachun TAN and Changjian ZHANG	Urban Short-Term Traffic Flow Prediction Under Missing Data

<u>W.H. YANG</u> , R.C.P. WONG and W.Y. SZETO	Modeling Vacant Taxi Drivers' Responses To Passenger Demand Indication Signals
Shing-Kai CHAN, Desmond LO, <u>Wai Pan TAM</u> and Sum CHAN	Integrated RFID Solution For Enhancing Light Rail Operations

15:30 – 16:55	<b>E4 (Monet Room B) <i>Session Chair: Dr. Tony N.N. SZE</i></b> <b>Transport Safety</b>
<u>Wei YAN</u> and S.C. WONG	Behavioral Responses to Green Signal Countdown Display at Signalized Intersections based on Driving Simulator Approach
<u>Y.C. LI</u>	A Simulation Study Of The Effects Of Alcohol On Attentional Driving Performance In A Chinese Population
<u>Y. JIANG</u> and J. ZHANG	Effects Of A Smart Phone App For Driving Safety Diagnosis: Evaluation Based On Both Subjective And Objective Indicators In The Context Of Expressways
<u>X. PEI</u> , L. LI, D. WANG and D. YAO	A Simple Algorithm For Risky Driving Recognition
<u>N.N. Sze</u>	Effect Of Lighting Condition On Red Light Running Behavior: Observation Study In New Zealand

15:30 – 16:55	<b>E5 (Picasso Room) <i>Session Chair: Prof. Florian HEINITZ</i></b> <b>Travel Behavior Modeling (V)</b>
<u>Jinming DING</u> , Xiaosu MA, Wei WANG, Yujia PENG and Xuepeng HUA	On Equitable Taxipooling System At Taxi Stations
<u>Linchuan YANG</u> , W.Y. SZETO, R.C.P. WONG and Y.C. LI	Uncovering Travel Patterns Of The Elderly In Hong Kong Using Travel Characteristics Survey Data
<u>Chien-Pang LIU</u> and Helena TITHERIDGE	An Analysis Of Spatial Contextual Effects At Different Geographical Scale On Mode Choice Behaviour
S. HELLMANN, <u>F. HEINITZ</u> and C. WINKLER	Spatial Differentiation Of Trip Generation Rates - Evidence From German Household Surveys