

Schedule Overview

Day 1 10 December 2016 (Saturday)

Time	Event			
08:30-09:00	Registration (Pre-Function Area)			
09:00-09:20	Opening Session (Picasso Room)			
	Ir Prof. William H.K. LAM President, Hong Kong Society for Transportation Studies (HKSTS)			
09:20-10:00	Prof. David LIM President, Technological and Higher Education Institute of Hong Kong			
	Keynote Address (Picasso Room)			
10:00-10:30	Mr. MA Siu Cheung, Eric JP Under Secretary for Development, Development Bureau, Hong Kong SAR			
	Coffee Break (Pre-Function Area)			
10:30-12:00	Transportmetrica A: Transport Science (TTRA) - Editorial Board Meeting (Café On M, Mezzanine Level)			
	Plenary Session I (Picasso Room)			
12:00-13:30	First-Best Analysis of Disaster Evacuation based on Normative Behavior Prof. Masao KUWAHARA Tohoku University, Japan			
	Big Data and AI for Smart Transportation Prof. Keechoo CHOI Ajou University, Korea			
	Dynamic Resource Allocation for Intermodal Freight Transportation with Network Effects: Approximations and Algorithms Prof. Xiaoning ZHANG Tongji University, China			
12:00-13:30	Conference Lunch (Academy Room, 1/F)			
13:30-15:00	Session A1 (Picasso Room A)	Session A2 (Picasso Room B)	Session A3 (Monet Room A)	Session A4 (Monet Room B)
	Transportation Infrastructure and Built Environment (I)	HKSTS Outstanding Student Paper Award	Travel Behavior Modeling (I)	Transport Networks (I)
15:00-15:30	Coffee Break (Pre-Function Area)			
	Transportmetrica B: Transport Dynamics (TTRB) - Editorial Board Meeting (Café On M, Mezzanine Level)			
15:30-17:00	Session B1 (Picasso Room A)	Session B2 (Picasso Room B)	Session B3 (Monet Room A)	Session B4 (Monet Room B)
	Travel Behavior Modeling (II)	Sustainability Issues in Transportation (I)	Technology and Information (I)	Transport Networks (II)
15:30-17:00	Poster Session (Picasso Room)			

Schedule Overview

Day 3 12 December 2016 (Monday)

Time	Event				
08:30-09:00	Registration (Pre-Function Area)				
09:00-11:00	Plenary Session II (Picasso Room)				
	Vehicle Size Choice and Automobile Externalities: A Dynamic Analysis Dr. Jia YAN School of Economic Sciences, Washington State University				
	Humanitarian Logistics: Challenges, Models and Decision Support Prof. Janny M. Y. Leung School of Science and Engineering The Chinese University of Hong Kong (Shenzhen), China				
	Sub-Imm 3D Condition Survey of Highway, Runway, and High-Speed Rail Infrastructure Prof. Kelvin WANG Civil Engineering at Oklahoma State University, USA, and Southwest Jiaotong University, China				
	Finding Transport Network Vulnerability by Spectral Analysis Prof. Michael BELL University of Sydney Business School, Australia				
11:00-11:30	Coffee Break (Pre-Function Area)				
	Travel Behaviour and Society (TBS) - Editorial Board Meeting (Café On M, Mezzanine Level)				
11:30-12:55	Session C1 (Picasso Room A)	Session C2 (Picasso Room B)	Session C3 (Monet Room A)	Session C4 (Monet Room B)	Session C5 (Picasso Room)
	Transportation Infrastructure and Built Environment (II)	Sustainability Issues in Transportation (II)	Travel Behavior Modeling (III)	Technology and Information (II)	Transport Networks (III)
12:55-13:55	Conference Lunch (Academy Room, 1/F)				
13:55-15:20	Session D1 (Picasso Room A)	Session D2 (Picasso Room B)	Session D3 (Monet Room A)	Session D4 (Monet Room B)	Session D5 (Picasso Room)
	Transportation Infrastructure and Built Environment (III)	Travel Behavior Modeling (IV)	Transport Dynamics (I)	Logistic and Supply Chain Management (I)	Transport Networks (IV)
15:20-15:40	Coffee Break (Pre-Function Area)				
15:40-17:05	Session E1 (Picasso Room A)	Session E2 (Picasso Room B)	Session E3 (Monet Room A)	Session E4 (Monet Room B)	
	Travel Behavior Modeling (V)	Transport Geography (I)	Transport Dynamics (II)	Transport Networks (V)	
17:05-17:20	Closing Session (Picasso Room)				
	Presentation of the HKSTS Outstanding Student Paper Award				
	Prof. W.G. WONG Chairperson, 21st International Conference of HKSTS				
	Prof. Anthony CHEN & Dr. Tony N.N. SZE Chairperson, 22nd International Conference of HKSTS				
17:20-18:00	Free Time				
18:00-21:00	Conference Banquet (Picasso Room, InterContinental Grand Stanford Hong Kong)				

Detailed Presentation Schedule

Day 1 10 December 2016 (Saturday)

Session A1: Transportation Infrastructure and Built Environment (Picasso Room A) <i>Session Chair: Dr. Xiaobo QU</i>	
13:30 – 15:00	Teaching Strategies and Philosophy in Transportation Engineering: Case Studies <u>Shuaian WANG</u> , Xiaobo QU, Kai WANG and Amir Etemad-SHAHIDI and Zhiyuan LIU
	Globally Optimal Housing Supply Under the Combined Bid-Rent Model <u>Ka Fai NG</u> and Hong K. LO
	Experimental Study of Fracture Work Density Used for Anti-reflective Cracking Mixtures Design in Asphalt Pavement <u>Fulu WEI</u> , Jianming LING and Hongduo ZHAO
	Vibration Monitoring of Concrete Pavement Using Distributed Optical Vibration Sensing-System Hongduo ZHAO, <u>Difei WU</u> and Shitao WU
	A Methodology for General Equilibrium Modelling of Transport Initiatives in Sydney Edward N. ROBSON and Vinayak V. DIXIT

Session A2: HKSTS Outstanding Student Paper Award (Picasso Room B) <i>Session Chair: Prof. Alan W.G. WONG</i>	
13:30 – 15:00	Modeling Household Residential and Car Ownership Decisions: Group Decision Based Time Allocation Approach <u>Mingzhu YAO</u>
	Optimal Fare Structure and Frequency for Transit Networks with Elastic Demand <u>Sujun SUN</u>
	Simulated Driving Status Influenced by Crosswind in Canyon Section of Mountainous Freeway <u>Yunwei MENG</u>

Underlined Presenter of the Paper

Detailed Presentation Schedule

Day 1 10 December 2016 (Saturday)

Session A3: Travel Behavior Modeling (Monet Room A) <i>Session Chair: Dr. Sylvia HE</i>	
13:30 – 15:00	Estimating Regret-Rejoice Functions Allowing for Attribute Indifference Using Polynomial Expressions <u>Soora RASOULI</u> and Harry TIMMERMANS
	Optimal Two-sided Pricing of Shared E-parking Platform with Elastic Demand <u>Chaoyi SHAO</u> and Hai YANG
	Heterogeneity in Car-Sharing Decisions Under Uncertain Travel Time: A Context-Dependent Latent Class Modeling Approach <u>Jinhee KIM</u> , Soora RASOULI and Harry TIMMERMANS
	Association of Children’s Wellbeing and Their Travel Behaviour: A Case Study in Hong Kong <u>Kevin Yin Kiu LEUNG</u> and Becky Pui Ying LOO
	Mode-switching Intentions of Public Transport Users: The Influence of Perceived Service Quality, Travel Satisfaction and Psychological Disposition <u>Yanan GAO</u> , Soora RASOULI, Harry TIMMERMANS and Yuanqing WANG

Session A4: Transport Networks (Monet Room B) <i>Session Chair: Prof. Keechoo CHOI</i>	
13:30 – 15:00	The Role of Multiple Airport Regions in Global Air Transportation <u>Kevin O’CONNOR</u> and Kurt FUELLHART
	Combined Traffic Assignment and Signal Control Problem under Stochastic Demand and Supply <u>Bei WANG</u> , Ping Hua NING and Wai Yuen SZETO
	Bi-level Robust Capacitated Bike Station Location Design <u>Chin Sum SHUI</u> and Wai Yuen SZETO
	Mitigation Strategy Against Cascading Failure for Fragile Networks <u>Kashin SUGISHITA</u> and Yasuo ASAKURA

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Detailed Presentation Schedule

Day 1 10 December 2016 (Saturday)

Session B1: Travel Behavior Modeling (Picasso Room A) <i>Session Chair: Dr. Tony SZE</i>	
15:30 – 17:00	Behavioral Responses To Red Signal Countdown Display At Signalized Intersections Based On Driving Simulator Approach <u>Wei YAN</u> and S.C. WONG
	The Extended Social Force Model For Pedestrian Flow With Considering The Floor Field And The View Field Dong-Kai LAN, <u>Cheng WU</u> and LI-Yun DONG
	The Impact Of Cost Variability In A Bottleneck Model With Heterogeneous Random Delay <u>Gege JIANG</u> and Hong K. LO
	Compensation Policy For High Speed Rail Delay Chieh-Hua WEN, <u>Xiang-Wen ZHANG</u> and Fang-Ning YANG
	A Study On Cooperative Drivers Toward Temporal Dispersion Of Intercity Expressway Usage By Web-Based Survey <u>Koyo NIWA</u> , Nobuhiro UNO, Hiroki YAMAZAKI and Kouji YAMAMOTO

Session B2: Sustainability Issues in Transportation (Picasso Room B) <i>Session Chair: Dr. Soora RASOULI</i>	
15:30 – 17:00	Research On Emission Reduction Effect Of New Energy Vehicle Under Congestion Pricing <u>Luyan LI</u> and Xiaoning ZHANG
	Substitute Buses Deployment Plan For Metro Disruption Management <u>Shuyang ZHANG</u> and Hong K LO
	Modeling Of Electric Vehicle Charging Behavior In A Mixed-Equilibrium Model <u>Xuekai CEN</u> , Hong K. LO and Lu LI

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Detailed Presentation Schedule

Day 1 10 December 2016 (Saturday)

Session B3: Technology and Information (Monet Room A) <i>Session Chair: Dr. Simon WONG</i>	
15:30 – 17:00	Explore The Antecedents Of Air Passenger Intention For Using Mobile Ticketing Apps: Base On Technology Acceptance Model <u>Kai-Chieh HU</u> and I-Chih HSIEH
	Using Multiple Sources Of Data For Monitoring Facility Usage On Campus <u>Piyant WEPULANON</u> , William H.K. LAM and Agachai SUMALEE
	Pedestrian Density Estimation System Using Time-Spatial Image (TSI) Processing And Short-Term Motion Vector <u>Ekalux Ua-AREEMITR</u> , William H.K. LAM and Agachai SUMALEE
	Bus Arrival Time Estimation In Real-Time For Varying Horizons <u>Md. Matiur RAHMAN</u> , S.C. WIRASINGHE and Lina KATTAN

Session B4: Transport Networks (Monet Room B) <i>Session Chair: Prof. Masao KUWAHARA</i>	
15:30 – 17:00	Real-Time Traffic State Estimation On A Two-Dimensional Network By The State-Space Model <u>Yosuke KAWASAKI</u> , Yusuke HARA and Masao KUWAHARA
	Three Extensions Of Tong And Richardson's Algorithm In Finding Optimal Path In Schedule-Based Railway Network <u>Jiemin XIE</u> , S.C. WONG and S.M. LO
	A Method To Improve Road Network Resilience Using Clonal Selection Algorithm <u>Yi WANG</u> and Wai Yuen SZETO
	Road Pricing And Travel Information Providing In Combined Networks <u>Jing-jing LIANG</u> and Xiao-ning ZHANG

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Detailed Presentation Schedule

Day 1 10 December 2016 (Saturday)

Poster Session (Picasso Room) <i>Session Chair: Dr. Gordon LEUNG</i>	
15:30 – 17:00	<p>Real-Time Trip Purpose Prediction Using Online Location-Based Search And Discovery Services: Application Of Statistical And Machine Learning Methods Alireza ERMAGUN, <u>Yingling FAN</u>, Julian WOLFSON, Gediminas ADOMAVICIUS, and Kirti DAS</p> <p>A Graph Theory Approach For The Design Of Corridors For Unmanned Flying Devices Over Urban Areas Maria GARCIA COLON, Elena MARTINEZ LIZUAIN, Alexandre Carlos BRANDÃO RAMOS, Benjamas PANOMRUTTANARUG and <u>Felix MORA-CAMINO</u></p> <p>Microscopic Modelling The Rainfall Intensity Effect On The Dynamics Of Traffic Flow <u>Xingang LI</u>, Xin LI and William H.K. LAM</p> <p>An Evaluation Of The Static Integrated Dial-A-Ride Problem <u>Marcus POSADA</u> and Carl Henrik HÄLL</p> <p>Traffic State Estimation Considering Stochasticity Of Input Data Based On Variational Theory <u>Anna TAKAYASU</u>, Yusuke HARA, Kentaro WADA and Masao KUWAHARA</p> <p>Biased Standard Error Estimations Due To Heteroscedasticity Arising From Linear Data Projection In Transport Model Calibration <u>Wai WONG</u></p> <p>Stated Preferences For Flight Departures And Returning Dates On Holidays <u>Fang-Ning YANG</u> and Chieh-Hua WEN</p> <p>Analysis Of Stochastic Dynamics And Short-Term Forecast Of Macroscopic Traffic Using The Markov Chain Approach <u>Hikaru OKUDA</u> and Takeshi NAGAE</p> <p>Exploring Flight Advance Purchase Patterns By Functional Data Analysis Chia-Hsin LIU and <u>Yu-Chiun CHIOU</u></p> <p>Gas Dynamic Analogous Exposure Approach To Multiple Vehicle Crash Frequency Modeling: Case Study Of Crashes Involving Taxis <u>Fanyu MENG</u></p> <p>Field Experiment On Traveler’S Behavior In Ridesharing System <u>Phathinan THAITHATKUL</u>, Toru SEO, Takahiko KUSAKABE and Yasuo ASAKURA</p>

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Detailed Presentation Schedule

Day 1 10 December 2016 (Saturday)

Poster Session (Picasso Room) <i>Session Chair: Dr. Gordon LEUNG</i>	
15:30 – 17:00	<p>Estimating Traffic States And Identifying Their Causes And Effects Through Probe And Social Media Data Analysis Yusuke HARA, Koji MATSUDA, <u>Masao KUWAHARA</u>, Naoaki OKAZAKI and Kentaro INUI</p> <p>A Pricing Mechanism For A One-Way Car-Sharing System With Port Capacities <u>Masaya ITO</u> and Takeshi NAHAE</p> <p>A Mechanism Design for Demand Bus Fleet Scheduling <u>Wataru WASHIBE</u> and Takeshi NAGAE</p> <p>Research On The Cooperative Game Under Joint Distribution Based On Integrated Logistics Solution For Small And Medium-Sized Electronic Commerce Enterprises Zhenlin WEI and <u>Zijun GUO</u></p> <p>Spatial Distribution Pattern Of 2-Stop Trip Chain Including Work Trip In Seoul Metropolitan Area Jung In KIM, <u>Ikki KIM</u>, and Jeong Wook GONG</p> <p>The Improvement Of Cycle Way By Evaluating Road Environment And Estimating Traffic Volume Of Bicycle: Case Study In Kumamoto City, Japan <u>Qiang LIU</u>, Riken HOMMA and Kazuhisa IKI</p> <p>A Select Link Analysis Method Based On Logit-Weibit Hybrid Model <u>Pengjie LIU</u>, Xiangdong XU, Anthony CHEN and Chao YANG</p> <p>Are Campus Bicycle Sharing Schemes Useful? An Analysis With Kyoto University Data <u>Tomoki NISHIGAKI</u>, Jan-Dirk SCHMOECHER, Toshiyuki NAKAMURA and Nobuhiro UNO</p> <p>Research On Bike-Share System Evaluation Of Pukou District, Nanjing Feifei XIN and <u>Yifan CHEN</u></p> <p>Calibrating A Bus Passenger Origin-Destination Matrix From The Number Of Boarding-Alighting Passengers <u>Treerapot SIRIPIROTE</u> and Agachai SUMALEE</p> <p>Overview Of Methodologies For Two-Dimensional Interaction Modeling And Its Application To Car And Pedestrian Behavior Sachiyo <u>FUKAYAMA</u> and Eiji HATO</p>

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Detailed Presentation Schedule

Day 1 10 December 2016 (Saturday)

Poster Session (Picasso Room) <i>Session Chair: Dr. Gordon LEUNG</i>	
15:30 – 17:00	Using HLM Procedures To Investigate The Relationship Between Traffic Accident Risk And Public Transportation <u>Tzu-Ying CHEN</u> and Rong-Chang JOU
	Carrier Collaboration With Endogenous Fleets And Load Factors When Networks Are Complementary <u>Achim CZERMY</u> , Vincent A. C. van den BERG and Erik T. VERHOEF
	Evaluation Of Bus Priority Lane With Multiple Traffic Data Sources <u>Weng Keong KU</u> , Kun Pang KOU, Ka Io WONG and Soi Hoi LAM
	Route Choice Analysis With Recursive Logit Model And Large-Scale Probe Vehicle Data In The Tokyo Metropolitan Area <u>Noriko KANEKO</u> and Daisuke FUKUDA
	Optimizing Traffic Signal Durations At A City Road Intersection <u>T. GODWIN</u>
	Development Of A Binary Logistic Regression Model For Elderly Mobility In Hong Kong <u>R.C.P. WONG</u> , W.Y. SZETO, L. YANG and Y.C. LI
	Safety Of Signalised Pedestrian Crossings In New Zealand <u>N.N. SZE</u> , T.J. DAVIER and T.K. KITTOW
	Study On Viscoelastic Creep Failure Characteristic Of Asphalt-Aggregate Interface <u>Xin QIU</u> , Shanglin XIAO and Qing YANG
	The Effect Of Zonal Factors In Estimating Crash Risks By Transportation Modes: Motor Vehicle, Bicycle And Pedestrian <u>Jie WANG</u> and Helai HUANG
	A Study Of The Protective Effect Of A Helmet In Motorcycle Accidents Based On Real-World Data <u>Yingni XIAO</u> , Helai HUANG and Yong PENG
	The Influence Of Zonal Configurations On Macro-Level Crash Modeling <u>Xiaoqi ZHAI</u> , Helai HUANG, Pengpeng XU and N.N. SZE
	Solving Dynamic User Optimal Simultaneous Route And Departure Time Choice Problems: Nonlinear Equation System Approach Jiancheng LONG and <u>Wai Yuen SZETO</u>

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Detailed Presentation Schedule

Day 3 12 December 2016 (Monday)

Session C1: Transportation Infrastructure and Built Environment (Picasso Room A) <i>Session Chair: Dr. Jia YAN</i>	
11:30 - 12 :55	Impact Of Public Bike Sharing: Experiences From Ningbo, China Chenxi LU, Conghua WEN, <u>Jing BIE</u> and Shijin ZHOU
	Study On Wet Visibility Of Road Markings In Hong Kong Gordon L. M. LEUNG, Alan W. G. WONG, Simon H. F. WONG and <u>Sizeng YOU</u>
	Mechanical Performance Of Sustainable Friction Course Materials In Hong Kong <u>Gordon L. M. LEUNG</u> , Alan W. G. WONG, Simon H. F. WONG
	Evaluation of Performance Grade Bitumen on Asphalt Mixtures for Road Pavement in Hong Kong <u>K. L. PUN</u> , G. LI and L. XUE

Session C2: Sustainability Issues in Transportation (Picasso Room B) <i>Session Chair: Dr. W.T. Hung</i>	
11:30 - 12 :55	Incorporating Temporal Correlation into a Multivariate Random Parameters Tobit Model for Modeling Crash Rate by Injury Severity <u>Qiang ZENG</u> , Huiying WEN, Helai HUANG, Xin PEI and S.C. WONG
	The Optimization Of Distance Based Toll For Urban Expressways Based On The Variable Demand Analysis Takamasa AKIYAMA, <u>Hiroaki INOKUCHI</u> , and Masashi OKUSHIMA
	Identification Of Hazardous Locations Applying Kernel Density Estimation: A Case Study Of Sudden Braking Events <u>Suharit MASMEK</u> and Agachai SUMALEE

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Detailed Presentation Schedule

Day 3 12 December 2016 (Monday)

Session C3: Travel Behavior Modeling (Monet Room A) <i>Session Chair: Prof. Xiaoning ZHANG</i>	
11:30 - 12 :55	Scheduling Household Daily Activity-Travel Pattern In Multi-Modal Transit Networks With Intra-Household Interactions <u>Khoa Dang VO</u> , William H.K LAM And Anthony CHEN
	The Reasonable Route Choice Set In Large And Complex Metro Networks; An Implementation Of The K-Shortest Path Algorithm For The London Underground <u>Tamas NADUDVARI</u> , Ronghui LIU and Chandra BALIJEPALLI
	Hybrid Management of Combined Networks with Heterogeneous Users <u>Yipeng YE</u> and Xiaoning ZHANG
	Bias Caused By Omitted Variables in Random Regret Choice Models: Formal and Empirical Analysis of Orthogonal Design Data <u>Sunghoon JANG</u> , Soora RASOULI and Harry TIMMERMANS
	An External Travel Demand Model in Urban Agglomeration <u>Jie ZHOU</u> and Xiaoning ZHANG

Session C4: Technology and Information (Monet Room B) <i>Session Chair: Dr. Yong-hong KUO</i>	
11:30 - 12 :55	A Real-Time Travel Time Prediction Model Based On Functional Data Analysis <u>Renxin ZHONG</u> , <u>Jiachen LUO</u> , Hengxing CAI, Agachai SUMALEE, Fangfang YUAN and Andy H.F. CHOW
	A Community Detection Method for Identifying Neighborhoods of Macroscopic Fundamental Diagram <u>Qian GE</u> , Pengfei WANG and Daisuke FUKUDA
	An Integrated Platform of Real-Time Travel Information and Wearable Devices for Smart Public Transportation <u>Tsz Fai CHOW</u> , Ka Wing SUNG, Helen MENG, Ka Ho WONG, GARY KS LEUNG, Yong-Hong KUO and Kelvin TSOI

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Detailed Presentation Schedule

Day 3 12 December 2016 (Monday)

Session C5: Transport Networks (Picasso Room) <i>Session Chair: Prof. Yafeng YIN</i>	
11:30 - 12:55	Railway Fare-Reward Scheme For Cummuters <u>Yili TANG</u> and Hai YANG
	Impact of Short-Term Disruptions on Road Network Performance <u>Kasun WIJAYARATNA</u> , Vinayak V. DIXIT and S. Travis WALLER
	Repositioning In Bike Sharing System With Broken Bikes <u>Yue WANG</u> and Wai Yuen SZETO
	Evaluation Of Impact Of Olympic Lanes On Urban-Scale Network In Central Tokyo Based On Macroscopic Fundamental Diagram Approach <u>Takao DANTSUJI</u> and Daisuke FUKUDA

Session D1: Transportation Infrastructure and Built Environment (Picasso Room A) <i>Session Chair: Prof. Kelvin WANG</i>	
13:55 – 15:20	Perspective On Evolution Of Flexible Pavement Design Methodology <u>Anil Kumar SHARMA</u>
	Finite Element Analysis Of Foundation And Pavement Response For Runway-Crossing Shield Tunnel <u>Junjun CHEN</u> , Liguu ZHU and Da TENG
	Lane-Based Short-Term Urban Traffic Speed Forecasting Using Ga Designed ANN And LWR Models <u>Asif RAZA</u> and Ming ZHONG
	Eco-Friendly Concrete Pavement Blocks Using Waste Sludge <u>Ho Fai WONG</u> , Wing Gun WONG, Lai Ming LEUNG, Ka Wai LI and Yiu Fai TSANG

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Detailed Presentation Schedule

Day 3 12 December 2016 (Monday)

Session D2: Travel Behavior Modeling (Picasso Room B) <i>Session Chair: Prof. Harry TIMMERMANS</i>	
13:55 – 15:20	Transport Related Lifestyle And Sustainable Transport Choices <u>John THØGERSEN</u>
	Pedestrian Activity Model Based On Implicit Path Enumeration <u>Yuki OYAMA</u> and Eiji HATO
	Modeling Context-Dependent Decision Rules In Route Choice Behavior Under Uncertain Conditions Eleni CHARONITI, Soora RASOULI and <u>Harry TIMMERMANS</u>
	Exploring Mobility Patterns Of Share-A-Bull Free-Floating Bike Sharing System Aritra PAL, <u>Yu ZHANG</u> and Changhyun KWON
	Urban Spatial Patterns In A Monocentric City With Car-Owning And No-Car-Owning Residents <u>Shuxian XU</u> , Tianliang LIU, Haijun HUANG and Ronghui LIU

Session D3: Transport Dynamics (Monet Room A) <i>Session Chair: Dr. Daisuke FUKUDA</i>	
13:55 – 15:20	A Simplified Model of Urban Railway System for Dynamic Traffic Assignment Toru SEO, Kentaro WADA and <u>Daisuke FUKUDA</u>
	A Dynamic Modal Choice Analysis For The Bus Line <u>Xinwei LI</u> and Hai YANG
	Delay Estimation For Permissive Left Turns On Single Exclusive Lanes By Queueing System With Priority <u>Qinrui TANG</u> and Bernhard FRIEDRICH
	Group-Based Approach To Predictive Model Of Delay Based On Incremental Queue Accumulations <u>Seunghyeon LEE</u>

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Day 3 12 December 2016 (Monday)

Session D4: Logistic and Supply Chain Management (Monet Room B) <i>Session Chair: Prof. Michael BELL</i>	
13:55 – 15:20	A Study On Stability Of Delivery Within Army Logistics Network Considering Link Property For Contingency <u>Gahee KIM</u> and Ikki KIM
	The Heterogeneous Fleet Electric Vehicle Routing Problem With Time Windows And Partial Charging And Non-Linear Charging Function <u>Yiran CHENG</u> and Wai Yuen SZETO
	A Gravitational Analysis On Hub Performance Of Air-Freight Integrators: A Case Study In East Asia <u>Hidenobu MATSUMOTO</u> and Koji DOMAE

Session D5: Transport Networks (Picasso Room) <i>Session Chair: Dr. Weihua GU</i>	
13:55 – 15:20	Revenue Allocation Of Road Pricing Alliance In Transportation Networks <u>Nan JIANG</u> , Xiaoning ZHANG and Hua WANG
	Optimal Design Of Intersecting Bi-Modal Transit Networks In A Grid City Wenbo FAN, Yu MEI and <u>Weihua GU</u>
	Game-Theoretical Parking Pricing Model Under Demand Uncertainties <u>Ling XIAO</u> , Xiaoning ZHANG and Hua WANG
	Recent Advances In Transit Route Choice Modelling <u>Eric MILLER</u> , James VAUGHAN and Monika NASTERSKA

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Detailed Presentation Schedule

Day 3 12 December 2016 (Monday)

Session E1: Travel Behavior Modeling (Picasso Room A) <i>Session Chair: Prof. Eric MILLER</i>	
15:40 - 17:05	Pedestrian Crossing Behavior At Signalized Crosswalks <u>Si Qi XIE</u> , S.C. WONG, Tsz Man NG and William H.K. LAM
	Spatial-Temporal Travel Characteristics Of The Elderly In An Aging Society <u>Cheuk Pong WONG</u> , W.Y. SZETO, L. YANG and Y.C. LI
	Public Transportation Needs of Mainland Tourists in Hong Kong <u>Yuen Chong LI</u> , Si Qi XIE and S.C. WONG
	Ageing Pedestrian Behaviors In The Crosswalk Associated With South Korea Crash Patterns <u>Jaisung CHOI</u> , Geumyeol SEO, Seungwon JEONG, Junhyoung YEON, Sangyoup KIM, Youngsoo JANG and Taeho KIM

Session E2: Transport Geography (Picasso Room B) <i>Session Chair: Prof. Becky P.Y. LOO</i>	
15:40 - 17:05	Towards Understanding E-Working And E-Shopping At Home: The Interplay Of Built Environment And Socio-Demographic Factors In Nanjing <u>Bo WANG</u> and Becky P.Y. LOO
	A Unifying Framework For Transit Operations Under Monopoly With Passengers' Homogeneity In Value Of Time <u>Junlin ZHANG</u> and Hai YANG
	Adaptive Coordinated Traffic Control For Stochastic Demand <u>Lubing LI</u> , Hong K. LO and Wei HUANG
	Riding In An Autonomous Car: What About The User Perspective? <u>Barbara LENZ</u> , Eva FRAEDRICH and Rita CYGANOSKI

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Day 3 12 December 2016 (Monday)

Session E3: Transport Dynamics (Monet Room A) <i>Session Chair: Dr. W.Y. SZETO</i>	
15:40 - 17:05	Time Series Analysis Of Vacant Taxi Customer-Search Patterns During Extreme Weather <u>W.H. YANG</u> , R.C.P. WONG, W.Y. SZETO and S.C. WONG
	Estimating Area-Wide Travel Time Variability Using Probe Data <u>Masanori MIZUGUCHI</u> , Takahiko KUSAKABE, Daisuke FUKUDA and Yasuo ASAKURA
	The Existence Of The Optimal Discrete-Time Day-To-Day Dynamic Congestion Pricing Linghui HAN, <u>David Z W WANG</u> and Chengjuan ZHU
	First-Best Analysis Of Disaster Evacuation Based On Normative Behavior Masao KUWAHARA, Yukie OISHI and <u>Takeshi OHATA</u>
	Efficiency Analysis Of Various Charge Schemes For The Day-Long Commute <u>Xiaoning ZHANG</u> and Jing WANG

Session E4: Transport Networks (Monet Room B) <i>Session Chair: Prof. Anthony CHEN</i>	
15:40 - 17:05	Activity-Based Space-Time Prisms: A Goal-Directed Search Through Multi-State Supernetworks <u>Feixiong LIAO</u> and Harry TIMMERMANS
	Solving Multi-Class Traffic Assignment Problem With Asymmetric Vehicle Interactions <u>Seungkyu RYU</u> , Anthony CHEN and Keechoo CHOI
	Real-Time Rescheduling For Tramways System <u>Henry K.F. CHEUNG</u> , Vincent CHOW, Joshua HIEW, Yong-Hong KUO, David S.W. LAI and Janny M.Y. LEUNG
	Evaluation Of The Travel Time Reliability Of An Urban Road Network; An Evolutionary Game Theory And MCMC Approach <u>Yuki SHITTAKA</u> and Takeshi NAGAE

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