

**THE 26th INTERNATIONAL CONFERENCE OF
HONG KONG SOCIETY FOR TRANSPORTATION STUDIES**

GREAT Transportation

12-13 December 2022

InterContinental Grand Stanford, 70 Mody Road, Tsim Sha Tsui East, Hong Kong

Overview Schedule

Day 1: 12 December 2022 (Monday)

Time	Event			
08:30 – 09:20	Registration (Pre-Function Area)			
09:20 – 10:00	Opening Session (Picasso Room)			
	Prof. Yike GUO Provost, The Hong Kong University of Science and Technology			
	Prof. S.C. WONG President, Hong Kong Society for Transportation Studies (HKSTS)			
	Dr. Sisi JIAN Co-chair, The 26 th International Conference of Hong Kong Society for Transportation Studies			
	Ms Mable CHAN, JP, Officiating Guest of Honor Permanent Secretary for Transport and Logistics			
10:00 – 10:10	Group Photo Taking (Picasso Room)			
10:10 – 10:40	Coffee Break (Academy Room, 1/F)			
10:40 – 12:10	Plenary Session I (Picasso Room)			
	Public transport for smart cities Prof. Janny M.Y. LEUNG, Keynote Speaker University of Macau, Macau Transportation network services: modeling, economics analysis, and bundling Prof. Kameshwar POOLLA, Keynote Speaker University of California, Berkeley, U.S. Income distribution, implementation sequence, and equity in auto ownership rationing Prof. Zhi-Chun LI, Keynote Speaker Huazhong University of Science and Technology, China			
12:10 – 13:50	Conference Lunch (Academy Room, 1/F)			
13:50 – 15:10	Session A1 (Picasso Room B) <i>Transportation Network I</i>	Session A2 (Monet Room A) <i>Travel Behavior Modeling I</i>	Session A3 (Monet Room B) <i>Big Data and Transportation I</i>	Session A4 (Picasso Room A) <i>Logistics and Supply Chain Management I</i>
13:50 – 15:10	Poster Session I (Picasso Room)			
15:10 – 15:40	Coffee Break (Academy Room, 1/F)			
	Transportmetrica A (TTRA) - Editorial Board Meeting (Picasso Room A)			
15:40 – 17:00	Session B1 (Picasso Room B) <i>Network Optimization</i>	Session B2 (Monet Room A) <i>Traffic Management I</i>	Session B3 (Monet Room B) <i>Transit management and Design I</i>	Session B4 (Picasso Room A) <i>Regional and International Transportation</i>
15:40 – 17:00	Poster Session II (Picasso Room)			
17:00 – 17:20	Travel Behaviour and Society (TBS) - Editorial Board Meeting (Picasso Room A)			
18:00 – 20:00	Conference Banquet (Academy Room, 1/F)			

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Overview Schedule

Day 2: 13 December 2022 (Tuesday)

Time	Event				
08:30 – 09:00	Registration (Pre-Function Area)				
09:00 – 10:20	Session C1 (Picasso Room) <i>Transportation Network II</i>	Session C2 (Monet Room A) <i>Travel Behavior Modeling II</i>	Session C3 (Monet Room B) <i>Big Data and Transportation II</i>	Session C4 (Picasso Room A) <i>Sustainable Transportation</i>	Session C5 (Picasso Room B) <i>Accessibility and Mobility</i>
10:20 – 10:50	Coffee Break (Academy Room, 1/F)				
10:50 – 12:10	Session D1 (Picasso Room) <i>Traffic Management II</i>	Session D2 (Monet Room A) <i>Transportation Safety</i>	Session D3 (Monet Room B) <i>Transportation in Pandemic</i>	Session D4 (Picasso Room A) <i>Logistics and Supply Chain Management II</i>	Session D5 (Picasso Room B) <i>Transportation Resilience</i>
12:10 – 13:50	Conference Lunch (Academy Room, 1/F)				
13:50 – 15:10	Session E1 (Picasso Room) <i>Transit Management and Design II</i>	Session E2 (Monet Room A) <i>Shared Mobility</i>	Session E3 (Monet Room B) <i>Big Data and Transportation III</i>	Session E4 (Picasso Room A) <i>Mechanism Design</i>	Session E5 (Picasso Room B) <i>Outstanding Student Paper Award</i>
15:10 – 15:40	Coffee Break (Academy Room, 1/F)				
	Transportmetrica B (TTRB) - Editorial Board Meeting (Picasso Room A)				
15:40 – 16:40	Plenary Session II (Picasso Room) How we move into the future: automated transport planning that leverages pervasive data and evolutionary algorithms for humancentric mobility Prof. S Travis WALLER, Keynote Speaker TU Dresden, Germany Deep learning for short-term network-wide road traffic forecasting Dr. Zhiyong CUI, Recipient of the Outstanding Dissertation Award Beihang University, China				
16:40 – 17:00	Closing Session (Picasso Room)				
	Prof. Hong K. LO, Dr. Sen LI Co-chairs, 26 th International Conference of Hong Kong Society for Transportation Studies				
	Prof. Mei-Po KWAN Co-chair, 27 th International Conference of Hong Kong Society for Transportation Studies				

Detailed Presentation Schedule

Day 1: 12 December 2022 (Monday)

Session A1: Transportation Network I (Picasso Room B) <i>Session Chair: Dr. Wei MA</i>	
13:50 - 15:10	ASSESSING COST-EFFECTIVENESS OF MULTI-TYPE DETECTOR LOCATION SCHEME FOR MULTI-PERIOD SPEED-FLOW ESTIMATION <u>Hao FU</u> , William H.K. LAM, H.W. HO, Mei Lam TAM and Wei MA
	USER EQUILIBRIUM MODEL WITH STOCHASTIC TRAFFIC CAPACITY UNDER MIXED FLOW OF HUMAN-DRIVEN VEHICLES AND AUTONOMOUS VEHICLES <u>Tatsuya ISHIKAWA</u> and Teppei KATO
	STATUS QUO-DEPENDENT USER EQUILIBRIUM MODEL WITH ADAPTIVE VALUE OF TIME <u>Hongxing DING</u> , Hai YANG, Hongli XU and Ting LI
	AN ALTERNATIVE FORMULATION FOR MULTICLASS BI-CRITERIA TRAFFIC ASSIGNMENT PROBLEM WITHOUT CLASS-SPECIFIC VARIABLES <u>Zhengyang LI</u> , Guoyuan LI, Zhandong XU and Anthony CHEN
	AIRLINE AND HIGH-SPEED RAIL INTERACTIONS UNDER TRAVEL TIME VARIABILITY <u>Takuya KAWAKITA</u> , Yue HUAI, Enoch LEE and Hong K. LO

Session A2: Travel Behavior Modeling I (Monet Room A) <i>Session Chair: Dr. Sisi JIAN</i>	
13:50 - 15:10	FACTORS AFFECTING ELDERLY'S ADOPTION OF AUTONOMOUS DEMAND-RESPONSIVE TRANSPORT <u>W.L.Y. WAN</u> and R.C.P. WONG
	ENTRY TIME VERSUS RIDE DISTANCE OF MORNING PEAK-HOUR COMMUTERS ON MASS TRANSIT SYSTEMS <u>Yaochen MA</u> , Hai YANG and Zhiyuan LIU
	EMPIRICAL ANALYSIS AND MODELING OF DECELERATION LENGTH ON THE HORIZONTAL CURVES OF TWO-LANE UNDIVIDED RURAL HIGHWAYS PASSING THROUGH MOUNTAINOUS TERRAIN V.A. Bharat Kumar ANNA, Srinivasarao KESANA, T. DARLONG and Mallikarjuna CHUNCHU
	UNDERSTANDING PRIVATE OWNERSHIP AND USE OF PERSONAL MOBILITY DEVICES (PMDS) IN SOUTH EAST QUEENSLAND <u>Abraham LEUNG</u> and Matthew BURKE
	DYNAMIC LANDHOLDING PATTERN CHOICE MODEL WITH RECURSIVE STRUCTURE <u>Risa. KOBAYASHI</u> and Eiji. HATO
	EVALUATING MOTORCYCLIST INTERACTION USING ADVANCED TRAJECTORY DATA ANALYSIS: A CASE STUDY ON UNSIGNALIZED INTERSECTION <u>Anamika YADAV</u> , Harpreet SINGH and Ankit KATHURIA

Detailed Presentation Schedule

Day 1: 12 December 2022 (Monday)

Session A3: Big Data and Transportation I (Monet Room B) <i>Session Chair: Dr. Jintao KE</i>	
13:50 - 15:10	A GENERALIZED BAYESIAN DATA FUSION FRAMEWORK FOR URBAN JOURNEY TIME DISTRIBUTION ESTIMATION <u>Xinyue WU</u> , Andy CHOW, Zhuang LI, William LAM, Wei MA and S.C. WONG
	A POISSON-BASED DISTRIBUTION LEARNING FRAMEWORK FOR SHORT-TERM PREDICTION OF FOOD DELIVERY DEMAND RANGES <u>Jian LIANG</u> , Jintao KE, Hongbo YE, Hai WANG and Jinjun TANG
	A MACRO-MICRO SPATIO-TEMPORAL NEURAL NETWORK FOR TRAFFIC PREDICTION <u>Siyuan FENG</u> , Shuqing WEI, Jintao KE and Hai YANG
	MULTI-CLASS PATH TRAVEL TIME ESTIMATION USING MULTI-SOURCE TRAFFIC SENSOR DATA ON URBAN ROADS <u>Ang LI</u> , William H.K. LAM, Wei MA and Mei Lam TAM
	SPEED PREDICTION USING MULTI-VIEW SPATIAL-TEMPORAL GRAPH CONVOLUTIONAL NETWORK <u>Shuqing WEI</u> , Siyuan FENG and Hai YANG
	IMPACTS OF SHARED MOBILITY ON PUBLIC TRANSIT RIDERSHIP: A MACHINE LEARNING APPROACH <u>Fan GAO</u> and Sylvia Y. HE

Session A4: Logistics and Supply Chain Management I (Picasso Room A) <i>Session Chair: Dr. Fangni ZHANG</i>	
13:50 – 15:10	NETWORK ANALYSIS FOR GLOBAL SHIPPING NETWORK UNDER THE INFLUENCE OF ARCTIC SHIPPING <u>Mark Ching-Pong POO</u> , Yui-Yip LAU and Zaili YANG
	AUTONOMOUS UNDERGROUND FREIGHT TRANSPORT SYSTEMS – THE FUTURE OF URBAN LOGISTICS? <u>Lasse BIENZEISLER</u> , Torben LELKE and Bernhard FRIEDRICH
	A DYNAMIC PASSENGER-AND-FREIGHT COALITION STRUCTURE GENERATION ALGORITHM <u>Fuga MAYUZUMI</u> and Eiji HATO
	URBAN CO-MODALITY WITH ELASTIC PASSENGER AND FREIGHT DEMANDS <u>Mingyou MA</u> , Fangni ZHANG, Wei LIU and Vinayak DIXIT
	SERVICE NETWORK DESIGN FOR BUS-INTEGRATED FREIGHT TRANSPORT SYSTEMS UNDER UNCERTAINTY <u>Jie LIN</u> and Fangni ZHANG

Detailed Presentation Schedule

Day 1: 12 December 2022 (Monday)

Session B1: Network Optimization (Picasso Room B) <i>Session Chair: Dr. Weihua GU</i>	
15:40 – 17:00	PARETO NETWORK OPTIMIZATION WITH ENVIRONMENTAL MEASURES VIA SURROGATE-ASSISTED CROSS ENTROPY METHOD <u>Zhongyang LU</u> , Andy CHOW and Hoa T.M. NGUYEN
	MODELING ELECTRIC VEHICLE HOSTING CAPACITY FOR ELECTRIFIED TRANSPORTATION NETWORK <u>Qiuju XUE</u> , Anthony CHEN, Guoyuan LI and Zhandong XU
	BUS LANE NETWORK DESIGN CONSIDERING TRAVEL TIME RELIABILITY IN MULTI-MODAL TRANSPORT NETWORKS <u>Muhammad ZEESHAN</u> , Junji URATA and Eiji HATO
	HETEROGENEOUS FEEDER SERVICE DESIGN UNDER SPATIALLY HETEROGENEOUS DEMAND <u>Li ZHEN</u> and Weihua GU
	MODELING THE JOINT NETWORK EQUILIBRIUM WITH PRIVATE AND SHARED AUTONOMOUS VEHICLES <u>Zhuoye ZHANG</u> and Fangni ZHANG
	INTEGRATED OPTIMISATION OF TRANSIT NETWORKS Y. JIANG, T.K. RASMUSSENA and O.A. NIELSEN

Session B2: Traffic Management I (Monet Room A) <i>Session Chair: Dr. Sen LI</i>	
15:40 – 17:00	TRAJECTORY CONTROL OF CONNECTED AND AUTONOMOUS VEHICLES IN A MIXED TRAFFIC CORRIDOR <u>Wenbo SUN</u> and Fangni ZHANG
	SEQUENTIAL TRAJECTORY PLANNING APPROACH TO COOPERATIVE ON-RAMP MERGING OF CONNECTED AND AUTOMATED VEHICLE <u>Jieming CHEN</u> , Yue ZHOU and Edward CHUNG
	OPTIMAL DESIGN OF CONTINUOUS AUTONOMOUS VEHICLE LANES BY LINK CAPACITY ALLOCATION <u>Hiroe ANDO</u> and Satoshi SUGIURA
	AN ENHANCED HYBRID TRAFFIC FLOW MODEL FOR MIXED TRAFFIC FLOW WITH CONNECTED AND AUTOMATED VEHICLES Roberta di PACE, Facundo STORANI, Rui JIANG and Stefano de LUCA
	PRICING AUTONOMOUS MOBILITY-ON-DEMAND SERVICES CONSIDERING FLEET DYNAMICS AND TRANSPORTATION NETWORKS <u>Zhijie LAI</u> and Sen LI
	INTEGRATED OPTIMIZATION OF TRAFFIC SIGNAL SETTINGS AND VEHICLE TRAJECTORIES AT URBAN INTERSECTIONS Yuxiang ZHAO and <u>Wei HUANG</u>

Detailed Presentation Schedule

Day 1: 12 December 2022 (Monday)

Session B3: Transit management and design I (Monet Room B) <i>Session Chair: Dr. Andy H. F. CHOW</i>	
15:40 – 17:00	DRIVER SCHEDULING MODELS UNDER STOCHASTIC TRAVEL TIMES <u>Yu-Chiun CHIOU</u> and Hsuan-Yu LIN
	AN APPLICATION OF APPROXIMATE STOCHASTIC PROGRAMMING WITH NEURAL NETWORKS FOR SERVICE SCHEDULING PROBLEMS <u>Kejun DU</u> , Zhiya SU, Qiru MA and Hong K. LO
	ECONOMICS OF COMPETITION IN COMPLEMENTARY TRANSPORT SERVICE: INTEGRATING BIKE SHARING SERVICE WITH TRANSIT SYSTEM <u>Zhengfei ZHENG</u> , Jun WANG, Wei LIU, and Hai YANG
	REAL-TIME BUS HEADWAY CONTROL BASED ON POSITIONING AND LOADING INFORMATION <u>Enoch LEE</u> and Hong K. LO
	ADAPTIVE RAIL TRANSIT NETWORK OPERATIONS WITH A ROLLOUT SURROGATE-APPROXIMATE DYNAMIC PROGRAMMING APPROACH <u>Thi Minh Hoa NGUYEN</u> and Andy H. F. CHOW

Session B4: Regional and International Transportation (Picasso Room A) <i>Session Chair: Dr. Kam K.H. NG</i>	
15:40 – 17:00	TACTICAL ROUTING FOR AIR TRANSPORTATION IN HKIA TERMINAL MANEUVERING AREA <u>Chris HC. NGUYEN</u> , Go Nam LUI, Ka Yiu HUI and Rhea P. LIEM
	AIRLINE'S FLEET SIZING AND PRICING STRATEGIES FOR PASSENGER AND CARGO SERVICES UNDER DEMAND UNCERTAINTY <u>Zhenwei GONG</u> , Fangni ZHANG and Wei LIU
	STATISTICAL CHARACTERISTICS OF RUNWAY ROUGHNESS IN VIEW OF POWER SPECTRAL DENSITY AND COHERENCE FUNCTION <u>Yebo CEN</u> , Xiang LI and Chenchen LI
	COMPARATIVE ANALYSIS ON SPATIAL DISTRIBUTION OF AIRPORTS: A CASE STUDY OF DOMESTIC PASSENGER TRAFFIC IN JAPAN AND THE U.K. Koji DOMAE and <u>Hidenobu MATSUMOTO</u>
	ANOMALY DETECTION BASED ON MULTI-DIMENSIONAL FLIGHT TRAJECTORY PROFILE Ye LIU, <u>Kam K.H. NG</u> and Nana CHU

Detailed Presentation Schedule

Day 1: 12 December 2022 (Monday)

Poster Sessions

Poster Session I (Picasso Room) <i>Session Chair: Prof. W.Y. SZETO</i>	
13:50 – 15:10	PANDEMIC FATIGUE? INSIGHTS FROM ROAD TRAFFIC DURING THE FIFTH WAVE OF COVID-19 IN HONG KONG <u>Zhiran HUANG</u> and Becky P.Y. LOO
	COOPERATIVE DESIGN OF FEEDER BUS AND SHARED BIKE SYSTEMS <u>Miaoqing HU</u> and W.Y. SZETO
	A LOADING AND UNLOADING STRATEGY FOR A BIKE SHARING SYSTEM WITH E-BIKES AND NORMAL BIKES <u>Mingxuan CHEN</u> and W.Y. SZETO
	A MIXED BICYCLE SHARING STATION LOCATION DESIGN PROBLEM CONSIDERING CONVENTIONAL SHARED BIKE AND SHARED E-BIKE <u>Jiatong SONG</u> and W.Y. SZETO
	EXPLORING A PRICING SCHEME FOR TRANSPORTATION-BIDIRECTIONAL-ENERGY-SYSTEM CONSIDERING VEHICLE-TO-GRID TECHNOLOGY: A SYSTEM DYNAMICS MODEL <u>Zhuowei WANG</u> , Jiangbo (Gabe) YU, Guoyuan LI, Zhandong XU, Chengxiang ZHUGE and Anthony CHEN
	MODELLING THE IMPACTS OF E-HAILING SERVICES IN A BI-MODAL SYSTEM WITH BUS AND E-HAILING MODES AFTER MASS GATHERING EVENTS <u>Hang SU</u> , Xiaolei WANG, Wei LIU and Xiaoning ZHANG
	MODELING THE EFFECTS OF AUTONOMOUS VEHICLES ON HUMAN DRIVER CAR-FOLLOWING BEHAVIORS USING INVERSE REINFORCEMENT LEARNING <u>Xiao WEN</u>
	MODELLING THE NON-LINEAR EFFECT OF UNCERTAINTY ON TRAVELERS' PREFERENCES FOR MOBILITY-AS-A-SERVICE <u>Jianing LIU</u> , Chenyang WU, Sisi JIAN and Vinayak DIXIT
	COMPETITION AND COOPERATION BETWEEN SHARED MOBILITY AND PUBLIC TRANSPORTATION <u>Wentao HUANG</u> and Sisi JIAN
	CONTINUOUS RELAXATION APPROACH FOR OPTIMAL DEPLOYMENT OF AUTONOMOUS VEHICLE DEDICATED LINKS CONSIDERING THE MIXED FLOW OF AUTONOMOUS AND HUMAN-DRIVEN VEHICLES S. NITTA, <u>R. TANI</u> and K. UCHIDA

Detailed Presentation Schedule

Day 1: 12 December 2022 (Monday)

Continued	
13:50 – 15:10	INFRASTRUCTURE PLANNING FOR ELECTRIFIED AUTONOMOUS MOBILITY-ON-DEMAND SYSTEMS UNDER EVOLVING CHARGING TECHNOLOGIES <u>Jing GAO</u> and Sen LI
	NETWORK-WIDE LANE-LEVEL TRAFFIC MULTIVARIATES PREDICTION BY CLUSTERING AND DEEP LEARNING <u>Xiexin ZOU</u> and Edward CHUNG
	A TRIP-CHAIN-BASED PATH FLOW ESTIMATOR FRAMEWORK FOR CONNECTED AND AUTONOMOUS VEHICLES Guoyuan LI, Yu GU, Anthony CHEN and <u>Daniyar KURMANKHOJAYEV</u>
	CALIBRATION OF A STOCHASTIC FUNDAMENTAL DIAGRAM USING MULTI-RESOLUTION <u>Lu BAI</u> , S.C. WONG, Pengpeng XU, Wai WONG, Pan LIU, Andy H.F. Chow, William H.K. LAM and Wei MA
	HOW TO OPTIMIZE THE FEATURE SELECTION FOR THE PREDICTION OF LANE-CHANGING INTENTION? A META-ANALYSIS <u>Ruifeng GU</u> , Ye LI and N.N. SZE
	“NEW FLYERS” IN BIG DATA ERA: A CASE STUDY OF WUHAN <u>Hanxi MA</u> and Jiangping ZHOU
	INVESTIGATING INJURY SEVERITY OF SINGLE-VEHICLE AND MULTI-VEHICLE CRASHES AT FREEWAY RAMP AREAS <u>Penglin SONG</u> , N.N. SZE, Huimin HU, Dianchen ZHU and Jing GUO
	ESTIMATING PROBABILISTIC DYNAMIC ORIGIN-DESTINATION DEMANDS USING MULTI-DAY TRAFFIC DATA ON COMPUTATIONAL GRAPHS <u>Wei MA</u> and Sean QIAN
	AGE-FRIENDLY PUBLIC TRANSPORTATION: EVIDENCE FROM TRAVEL BEHAVIOURS OF OLDER ADULTS IN HONG KONG'S METRO STATIONS <u>Shuyu LEI</u> , Jiali ZHOU and Jiangping ZHOU
	MUILT-OUTPUT BIKE USAGE PREDICTION AND ANALYSIS <u>Meng XU</u> , Yining DI, Zheng ZHU, Hai YANG and Xiqun CHEN
	INFLUENCE OF THE COVID-19 PANDEMIC ON PERCEIVED VALUE TOWARDS FINE DINING FOOD DELIVERY: A PRELIMINARY STUDY IN SINGAPORE <u>Cheng-Hsien HSIEH</u> and Yu Sheng CHEW

Detailed Presentation Schedule

Day 1: 12 December 2022 (Monday)

Poster Session II (Picasso Room) <i>Session Chair: Prof. Xiaowen FU</i>	
15:40 – 17:00	A MULTI-AGENT-BASED SIMULATION: EXPLORE THE ADAPTABILITY OF ROUTE DEVIATION DEMAND-RESPONSIVE TRANSIT <u>Hui WANG</u> , Jing TENG and Becky P.Y. LOO
	THE MULTI-PERIOD ASYMMETRIC TRANSIT FREQUENCY DESIGN PROBLEM <u>Jun GONG</u> and Wai Yuen SZETO
	A NEW STRATEGY FOR THE REAL-TIME LIMITED-STOP BUS SERVICE DESIGN PROBLEM Wai Yuen SZETO and <u>Jintao HU</u>
	MODELING TRAVELERS' HETEROGENOUS VALUE OF SAFETY IN THE CONTINUOUS MULTICLASS TRAFFIC ASSIGNMENT PROBLEM <u>Umer MANSOOR</u> , Zhengyang LI, Guoyuan LI and Anthony CHEN
	MODELING PARKING CHOICE AND ROUTE CHOICE OF CONNECTED AUTONOMOUS ELECTRIC VEHICLE CONSIDERING RANGE ANXIETY <u>Yiyang PENG</u> , Guoyuan LI, Zhandong XU and Anthony CHEN
	UNSUPERVISED KNOWLEDGE ADAPTATION FOR PASSENGER DEMAND FORECASTING Can LI, Lei BAI, <u>Wei LIU</u> , Lina YAO and S. Travis WALLER
	REVENUE SHARING AND RESOURCE ALLOCATION FOR COOPERATIVE MULTIMODAL TRANSPORT SYSTEMS <u>Xiaoshu DING</u> and Sisi JIAN
	TOWARD BETTER EQUITY AND SUSTAINABILITY: A MACHINE LEARNING APPROACH FOR TRAVEL PATTERN FEATURE ANALYSIS WITH MOBILITY-AS-A-SERVICE <u>Jianing LIU</u> , Xiao WEN and Sisi JIAN
	MANAGING EMISSIONS AND BUS LANE: A CARBON CREDIT BASED REWARD SCHEME <u>Lin YU</u> , Yanyan DING and Sisi JIAN
	MANAGING ON-DEMAND FOOD-DELIVERY PLATFORMS IN A REGULATED MARKET <u>Yang LIU</u> and Sen LI
	ANALYSIS OF THE INFLUENCING FACTORS OF DIFFERENTIATED PARKING FEES BASED ON STRUCTURAL EQUATION MODELING <u>Yuwei YANG</u> , Yinjie LUO, Jiao YE and Jun CHEN

Detailed Presentation Schedule

Day 1: 12 December 2022 (Monday)

Continued	
15:40 – 17:00	EXPLOITATION-EXPLORATION ACTIVE LEARNING EMBEDDED COMBINED METHOD OF SURROGATE MODEL AND GENETIC ALGORITHM FOR TRAFFIC SIGNAL OPTIMISATION <u>Zhixian TANG</u> and Edward CHUNG
	ADAPTIVE BARZILAI-BORWEIN PROJECTION METHOD WITH APPLICATION TO MIXED-FLOW MULTICLASS TRAFFIC ASSIGNMENT D. KURMANKHOJAYEV, G. LI and A. CHEN
	DEVELOPMENT OF PEDESTRIAN CRASH FREQUENCY MODEL USING THREE-DIMENSIONAL PEDESTRIAN NETWORK: A MULTIVARIATE BAYESIAN SPATIAL REGRESSION MODEL <u>Manman ZHU</u> and N.N. SZE
	DEVELOPMENT AND VALIDATION OF AN OMNI DIRECTIONAL COLLISION WARNING SYSTEM <u>Wenjing ZHAO</u> , Siyuan GONG, Dezong ZHAO, Fenglin LIU and N.N. SZE
	A PERSONALIZED PAGERANK METHOD FOR COVID-19 TRANSMISSION RISK ESTIMATION BASED ON TRANSIT SMART CARD DATA <u>Jiali ZHOU</u> , Zhan ZHAO and Jiangping ZHOU
	OPTIMAL AUTOMATED VEHICLE HEADWAY CONTROL FOR DYNAMIC SYSTEM OPTIMAL ON GENERAL NETWORKS Wei MA and <u>Jinxiao DU</u>
	THE EFFECTS OF BANKRUPTCY ON AIRLINE YIELD AND FREQUENCY: THE CASE OF THE DUOPOLISTIC DOMESTIC MARKET IN JAPAN <u>Kam To NG</u> , Xiaowen FU, Jaewoon LEE, Katsuhiro YAMAGUCHI and Chuanyan ZHU
	TRAVEL DEMAND ANALYSIS AND VISUALIZATION DESIGN OF BEIJING-HEBEI LONG-DISTANCE BUS Yuxuan LIU, <u>Yuyang ZHOU</u> , Zizi LI, Yunzhe HAN, Ying ZHAO and Yanyan CHEN
	UNCERTAINTY ESTIMATION OF CONNECTED VEHICLE PENETRATION RATE <u>Shaocheng JIA</u> , S.C. WONG and Wai WONG

Detailed Presentation Schedule

Day 2: 13 December 2022 (Tuesday)

Session C1: Transportation Network II (Picasso Room) <i>Session Chair: Dr. Wei LIU</i>	
09:00 – 10:20	AN INTEGRATED MICRO- AND MACRO-LEVEL AGENT-BASED SIMULATION APPROACH FOR A MASS-TRANSIT RAIL SYSTEM <u>Songyi CUI</u> , Wenbo SUN, Yong-Hong KUO, Fangni ZHANG, George Q. HUANG and Reynold C.K. CHENG
	COMPREHENSIVE SIMULATION PLATFORM FOR RIDE-SOURCING MARKETS: MODULES AND FUNCTIONS <u>Siyuan FENG</u> , Taijie CHEN, Yuhao ZHANG, Jintao KE and Hai YANG
	LEARNING AND MANAGING STOCHASTIC NETWORK TRAFFIC DYNAMICS: A DIGITAL TWIN BASED APPROACH <u>Qingying HE</u> , Mingyou MA, Can LI and Wei LIU
	INCORPORATING SPATIAL ANALYSIS INTO THE LEVEL OF CONGESTION CAUSED BY TRAFFIC INCIDENTS ON URBAN ROAD NETWORKS <u>Zhenjie ZHENG</u> , Zhengli WANG, Zhiyuan SUN and Wei MA
	RELIABLE SHORTEST PATHFINDING METHOD IN A CORRELATED ROAD NETWORK: HYPERGRAPH APPROACH Kenetsu UCHIDA and <u>Ryuichi TANI</u>
	INSTANTANEOUS TRAFFIC ASSIGNMENT UNDER DEMAND UNCERTAINTIES <u>Yuxin SHI</u> , William H.K. LAM, Wei MA, H.W. HO, Mei Lam TAM, Hao FU and Pengjie LIU

Session C2: Travel Behavior Modeling II (Monet Room A) <i>Session Chair: Dr. R.C.P. WONG</i>	
09:00 – 10:20	DIFFERENTIAL LICENSE PLATE PRICING AND ELECTRIC VEHICLE ADOPTION IN SHANGHAI Guodong LI, W. D. WALLS and Xiaoli ZHENG
	ASSESSMENT OF DRIVER'S ATTITUDE AND BEHAVIOR OF RIDE-SHARING SERVICES FROM PASSENGERS' PERSPECTIVE IN DHAKA CITY Mubtasim SABAB, Sarah ISLAM, Mahmud ISLAM, Jemima TASNIM and Shakil Mohammad RIFAAT
	ANALYSIS OF PICK-UP AND DROP-OFF BEHAVIORS USING PRIVATE VEHICLES IN A RURAL CITY IN JAPAN <u>Masatoshi HASEGAWA</u> , Toshiyuki NAKAMURA, Masahiko SUZUMURA and Takayuki MORIKAWA
	EVALUATION OF THE ODD-EVEN POLICY ON THE BEHAVIOURAL SHIFT OF CAR COMMUTERS IN DELHI <u>Ranjana SONI</u> , Geetam TIWARI and Manoj M.
	SECONDARY ACTIVITY DESTINATION CHOICE FRAMEWORK BASED ON RESIDENT ACTIVITY CONSTRAINTS <u>Chao YANG</u> , Mingyang CHEN and Quan YUAN

Detailed Presentation Schedule

Day 2: 13 December 2022 (Tuesday)

Session C3: Big Data and Transportation II (Monet Room B) <i>Session Chair: Dr. Hao FU</i>	
09:00 – 10: 20	HIERARCHICAL GRAPH CONTRASTIVE LEARNING FOR REGION-AWARE RIDE-HAILING DRIVER PROFILING <u>Kehua CHEN</u> , Jindong HAN, Siyuan FENG and Hai YANG
	COLLABORATIVE PARKING VACANCY PREDICTION FOR SENSOR MISSING IN PARTIAL LOTS Beiyu SONG, Huachi ZHOU, Xiao HUANG, Barbara SIU and Wei MA
	A DATA DRIVEN APPROACH FOR TRAFFIC PARAMETERS ESTIMATION BASED ON DNN-BN USING SAMPLE TRAJECTORY DATA <u>Shuling WANG</u> , Kejun DU, Gege JIANG, A.U.Z. PATWARY and Hong K. LO
	ESTIMATION OF NETWORK-WIDE TRAFFIC SPEEDS AND FLOWS WITH HETEROGENEOUS DATA <u>Shaojie LIU</u> , Mei Lam TAM, William H.K. LAM, Wei MA and H.W. HO and Hao FU
	AUTOMATIVE EXTRACTION OF VEHICLE'S LATERAL PLACEMENT DATA: AN APPLICATION OF IMAGE PROCESSING Prashant SHARMA, Mohan Kumar SOMAVARAPU, <u>Subhadip BISWAS</u> and Joy PAL
	ANALYSIS OF CHANGES IN TRAFFIC AND BEHAVIOR PATTERNS AT AIRPORTS USING WI-FI PACKET SENSORS <u>Riku NAGANAWA</u> , Toshiyuki NAKAMURA and Toshiyuki YAMAMOTO

Session C4: Sustainable Transportation (Picasso Room A) <i>Session Chair: Dr. Lubing LI</i>	
09:00 – 10: 20	A STUDY ON THE INTENSITY OF TRAFFIC INDUCED NOISE ON TRAFFIC POLICE AT COLLECTOR AND ARTERIAL ROADS IN DHAKA CITY. <u>Sadman Sakib</u> , Md. Nawrose NEON, Rahat Bin Mahmud MAHI, Imtiaz MUSFIQUE and Shakil Mohammad RIFAAT
	DEVELOPMENT OF A REAL-TIME ON-ROAD EMISSION INVENTORY IN HONG KONG <u>Xin LI</u> , Dasa GU, Tilman Leo HOHENBERGER, Yik Him FUNG, Jimmy Chi Hung FUNG and Alexis Kai Hon LAU
	EXPLORING THE SUSTAINABILITY OF CARPOOLING BASED DEMAND RESPONSIVE TRANSIT SYSTEM FROM THE PERSPECTIVE OF TIMEBANK <u>Jyun-Han TSAI</u> , Chih-Peng CHU and Cheng-Chieh CHEN
	RECENT TRANSPORTATION INFRASTRUCTURE BOOM IN AUSTRALIA: TECHNO-ECONOMIC ASSESSMENT <u>Mousumy AKTER</u>
	EFFECTIVENESS OF TRAVEL DEMAND MANAGEMENT POLICIES IN CONTROLLING URBAN AIR POLLUTION: A STATED PREFERENCE STUDY OF BANGKOK <u>P. THAITHATKUL</u> , P. SANGHATAWATANA, O. ANUCHITCHANCHAI, And S. CHALERMPONG

Detailed Presentation Schedule

Day 2: 13 December 2022 (Tuesday)

Session C5: Accessibility and Mobility (Picasso Room B) <i>Session Chair: Dr. Ka Fai NG</i>	
09:00 – 10: 20	ON MEASURING WALKING ACCESSIBILITY: A LINK-BASED APPROACH Zheng LIANG, Hong K. LO and <u>Ka Fai NG</u>
	WALKING ACCESSIBILITY TO METRO STATIONS FOR DIFFERENT INDIVIDUALS: A CASE STUDY OF HUNG HOM STATION IN HONG KONG <u>Dawei CHENG</u> , Yingying XU, Ho-Yin CHAN and Anthony CHEN
	UNDERSTANDING OLDER PEOPLE ' S TRAVEL CHARACTERISTICS: A COMPARISON OF DIFFERENT SURVEY METHODS <u>Feiyang ZHANG</u> and Becky LOO
	TRAVEL PATTERNS OF ELDERLY HIGH-SPEED RAIL PASSENGERS AND POLICY IMPLICATIONS <u>Jiemin XIE</u> , Shuguang ZHAN, S.C. WONG, Keyu WEN, Lixia QIANG and S.M. LO

Session D1: Traffic Management II (Picasso Room) <i>Session Chair: Dr. Enoch LEE</i>	
10:50 – 12:10	OPERABLE ADAPTIVE TRAFFIC SIGNAL CONTROL: FORMULATION AND IMPLEMENTATION <u>Lubing LI</u> , Ka Fai NG, Jacob LO and Hong K. LO
	DEMONSTRATION-GUIDED MULTI-AGENT REINFORCEMENT LEARNING FOR COORDINATED RAMP METERING AND PERIMETER CONTROL ON CITY-WIDE NETWORKS <u>Zijian HU</u> and Wei MA
	ADAPTIVE TRAFFIC SIGNAL CONTROL WITH LANE ALLOCATION AT ISOLATED INTERSECTIONS UNDER STOCHASTIC DEMAND Haofan CHENG, Guoyu HUANG and <u>Wei HUANG</u>
	MACHINE LEARNING BASED ADAPTIVE COORDINATED TRAFFIC CONTROL <u>Lijuan WAN</u> and Hong K. LO
	A HARDWARE-IN-LOOP SIMULATION PLATFORM OF COOPERATIVE VEHICLE INFRASTRUCTURE SYSTEM <u>Yang SONG</u> , Wenjie PI, Hexiang LIANG, Zixu QIN, Xiaoguang YANG, Chengyuan MA and Jichen ZHU
	TRANSIT SIGNAL PRIORITY FOR SIGNALIZED INTERSECTIONS WITH DEEP REINFORCEMENT LEARNING <u>Meng LONG</u> and Edward CHUNG

Detailed Presentation Schedule

Day 2: 13 December 2022 (Tuesday)

Session D2: Transportation Safety (Monet Room A) <i>Session Chair: Dr. Tony N.N. SZE</i>	
10:50 – 12:10	A SYSTEMATIC REVIEW TO IDENTIFY THAILAND'S FUTURE ROAD SAFETY MANAGEMENT CAPACITIES Nichamon THONGPHAT, Sumet ONGKITTIKUL, Nuntachart RATANABURI and Nichcha ANGSuphanich
	A DEEP LEARNING APPROACH FOR BOUNDARY CRASH EFFECT IN SPATIAL BICYCLE CRASH ANALYSIS <u>Hongliang DING</u> , Yuhuan LU, and N.N. SZE
	THE MOTORCYCLE RIDER BEHAVIOUR QUESTIONNAIRE AS A PREDICTOR OF CRASHES: A SYSTEMATIC REVIEW AND META-ANALYSIS Shivam Singh CHOUHAN, Ankit KATHURIA and Chalumuri Ravi SEKHAR
	ASSESSMENT OF WOMEN'S SAFETY IN RIDE-SHARING SERVICES OF DHAKA CITY R.M. Rafsanjani LABIB, Md. Alvi ABDAL, Md. Sajed RAHMAN, Fawziya Fariha ANAN, Tanzila Zannat MAHZABEEN and Shakil Mohammad RIFAAT
	PEDESTRIAN-VEHICLE CRASH ANALYSIS: ADVANCES IN METHODS AND INSIGHTS ABOUT PEDESTRIAN RISK EXPOSURE MEASURES <u>Ting LIAN</u> , Becky P.Y. LU and Zhuangyuan FAN
	INVESTIGATING EFFECT OF PERSONALITY AND SKILLS ON DRIVING BEHAVIOR AND ACCIDENT INVOLVEMENT: A NOVEL APPROACH USING NATURALISTIC DRIVING AND SELF REPORTED DATA OF PROFESSIONAL BUS DRIVERS <u>Harpreet SINGH</u> and Ankit KATHURIA

Session D3: Transportation in Pandemic (Monet Room B) <i>Session Chair: Dr. Jiangping ZHOU</i>	
10:50 – 12:10	INTENTIONAL TRAVEL GROUPS AND SOCIAL NETWORKS DURING THE COVID-19 PANDEMIC <u>Mingzhi ZHOU</u> , Shuyu LEI, Jiangyue WU, Hanxi MA, David LEVISON, Jiangping ZHOU
	THE STUDY OF COVID-19'S IMPACT ON THE TRAVEL MOBILITY OF VARIOUS SOCIAL GROUPS IN CHINA'S GREATER BAY AREA VIA MOBILE PHONE BIG DATA <u>Yu PAN</u> and Sylvia Ying HE
	TRANSPORT DISRUPTION IN THE POST-COVID ERA - INSIGHTS FROM A SURVEY OF GLASGOW COMMUTER IN HYBRID WORKING PATTERN <u>Jingsi LI</u> and Neil FERGUSON
	THE IMPACT OF COVID-19 ON THE TRANSPORT INFRASTRUCTURE SECTOR IN THAI CAPITAL MARKET <u>Sumet ONGKITTIKUL</u> , Atiporn SHIMNOI, Pawika KLAHARN, Titaporn ROJSIRIKULCHAI and Mintrapan CHAENGLUM

Detailed Presentation Schedule

Day 2: 13 December 2022 (Tuesday)

Session D4: Logistics and Supply Chain Management II (Picasso Room A) <i>Session Chair: Dr. Yong-Hong KUO</i>	
10:50 – 12:10	PLATOON-BASED CAPACITY ANALYSIS OF MIXED HDV AND CAV AT THE SIGNAL-FREE INTERSECTION <u>Rong ZHAO</u> , Hongbo YE and Edward CHUNG
	EXPLORING E-COMMERCE DELIVERY DISTRIBUTION USING UNMANNED AERIAL VEHICLES (UAV) IN SOUTH DELHI Arun KUMAR, <u>Sairam DASARI</u> and Mayank MATHUR
	COMPARISON OF FREIGHT TRANSPORT NETWORK OF EUROPEAN UNION AND SOUTH ASIAN SUBCONTINENT INCLUDING BANGLADESH <u>Mousumy AKTER</u>
	GROUP BUYING WITH CONSUMER DISAPPOINTMENT AT FAILED DEALS <u>Jie WANG</u> , Yong-Hong KUO, Jun MA, Yanyi YANG and Chun-Hung CHENG
	EFFECTS OF OPERATIONAL RESTRICTION AND PRICING POLICY IN LAEM CHABANG DOMESTIC PORT: EX-POST EVALUATION AND ANALYSIS OF POLICY MAKERS BEHAVIOURS Sumet ONGKITTIKUL, Atiporn SHIMNOI, Pawika KLAHARN, T. ROJSIRIKULCHAI and M. CHAEGLUM
	DATA-DRIVEN INFERENCE AND OPTIMIZATION FOR IMPUTING NON-OBSERVABLE HUMAN PREFERENCES IN STAFF SCHEDULING <u>Jiangxue HAN</u> and Yong-Hong KUO

Session D5: Transportation Resilience (Picasso Room B) <i>Session Chair: Prof. Anthony CHEN</i>	
10:50 – 12:10	IDENTIFYING THE CRITICAL O-D DEMANDS FOR MANAGING TRANSPORTATION NETWORK RESILIENCE <u>Kai QU</u> , Xiangdong XU and Anthony CHEN
	TRANSIT USAGE IN SOCIAL SHOCKS: A CASE STUDY OF STATION-LEVEL METRO RIDESHIP IN ANTI-EXTRADITION MOVEMENTS IN HONG KONG <u>Ho Yin CHAN</u> , Hanxi MA and Jiangping ZHOU
	ONLINE PARAMETER ESTIMATION METHOD OF A MULTI-AGENT SIMULATOR FOR DEMAND PREDICTION IN A DISASTER-RECOVERY PERIOD <u>Yosuke MOCHIZUKI</u> and Junji URATA
	CONNECTIVITY ENHANCEMENT NETWORK DESIGN PROBLEM FOR EMERGENCY RECEIVING BASES: ON THE CONCEPT OF ISOLATION VULNERABILITY Michiki AKIOKA and Satoshi SUGIURA
	DYNAMIC CONSTRUCTION OF CONCENTRIC CIRCLE MAPS IN URBAN RAIL TRANSIT DISRUPTIONS <u>Songyi CUI</u> , Yingying XU, Yong-Hong KUO and Anthony CHEN

Detailed Presentation Schedule

Day 2: 13 December 2022 (Tuesday)

Session E1: Transit Management and Design II (Picasso Room) <i>Session Chair: Prof. Hai YANG</i>	
13:50 - 15:10	AUTO, RIDE-HAILING, OR PARK AND RIDE? EXAMINING COMMUTING TRIP PATTERNS IN THE CONTEXT OF MOBILITY-AS-A-SERVICE <u>Manlian PAN</u> and Xiaotong SUN
	THE WHITE TRIANGLE: A PATH TOWARDS EFFICIENT AND INTEGRATED LIGHT RAIL SYSTEMS <u>Michael BOURKE</u> and Kasun de Silva WIJAYARATNA
	DYNAMIC FLEXIBLE BUS SERVICE CONSIDERING ORDER CANCELLATION Manzi LI, <u>Enoch LEE</u> and Hong K. LO
	EXPLORING THE INTERRELATIONSHIP AMONG MASS TRANSIT, INFORMAL TRANSPORTATION, ROAD NETWORK, AND BUILT-ENVIRONMENT WITH THE GEOGRAPHICALLY WEIGHTED REGRESSION MODELS Saksith CHALERMPOONG and <u>Ornicha ANUCHANCHAI</u>
	NOVEL RAILWAY OPERATION SCHEME OF PROVIDING EXPRESS/LOCAL SERVICE VIA SINGLE TRAIN <u>Tomoki KISHIKAWA</u> and Kentaro WADA
	FAIR TRANSIT FLEET ALLOCATION <u>Soheila AALAMI</u> , Naser El- SHEIMY and Lina KATTAN

Session E2: Shared Mobility (Monet Room A) <i>Session Chair: Dr. Jintao KE</i>	
13:50 - 15:10	BIKE-SHARING SYSTEM REPOSITIONING WITH BROKEN BIKES: COMBINING VEHICLE-BASED COLLECTION AND LABOR-BASED ON-SITE REPAIR <u>Runqiu HU</u> and Wai Yuen SZETO
	EFFECTS OF AN OPTIMIZED CARSHARING-SYSTEM DESIGN ON DEMAND: A JOINT OPTIMIZATION-SIMULATION APPROACH <u>Filip KRISTOFERSSON</u> , Rasmus RINGDAHL, Gunnar FLÖTTERÖD and Christiane SCHMIDT
	PRICE OF COMPETITION AND FRAGMENTATION IN RIDE-SOURCING MARKETS <u>Yaqian ZHOU</u> , Hai YANG and Jintao KE
	OPTIMAL FLEET SIZE AND DISPATCHER NUMBER FOR ONE-WAY CARSHARING SERVICES CONSIDERING BREAK REQUIREMENT <u>Lu YANG</u> and Min XU
	SPATIOTEMPORAL WORK SLICES BASED RIDE-SOURCING DRIVERS' WORKING PATTERNS <u>Yining DI</u> , Meng XU, Zheng ZhU, Hai YANG and Xiqun CHEN
	STATIC BIKE REPOSITIONING PROBLEM WITH STAFF ASSIGNMENT <u>Chin Sum SHUI</u> and Yi Ting CHEN

Detailed Presentation Schedule

Day 2: 13 December 2022 (Tuesday)

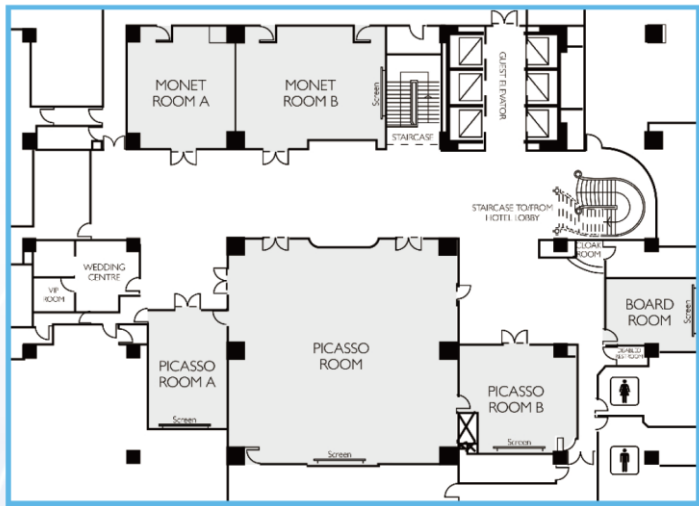
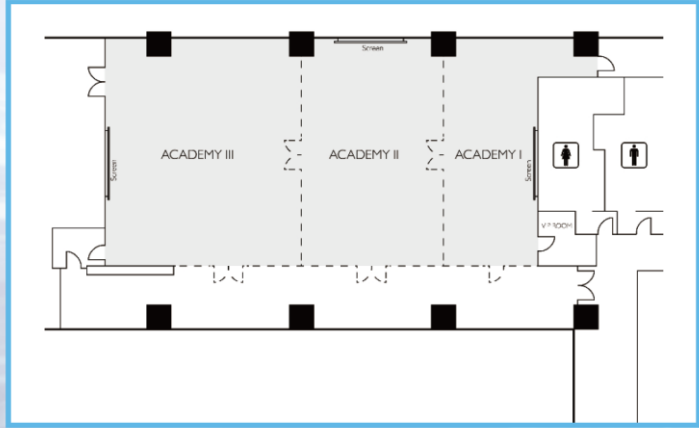
Session E3: Big Data and Transportation III (Monet Room B) <i>Session Chair: Dr. Hongbo YE</i>	
13:50 - 15:10	MULTIMODAL TRANSPORT DEMAND FORECASTING VIA FEDERATED LEARNING <u>Can LI</u> , Wei LIU and Fangni ZHANG
	REINFORCING DATA PRIVACY PROTECTION IN THAILAND IN THE AGE OF THE AUTONOMOUS VEHICLE TECHNOLOGY <u>S. THONGMEENSUK</u> , Y. WATTANASIT and C. NAPATANAPONG
	LARGE SCALE POINTS-TO-POINTS HIGHWAY LATENCY PREDICTION <u>Baiyue HE</u> , Zehui LUO, Man Fung HO, Zhiquan LAO, Tat Shing CHOI and K.Y. Michael WONG
	DATA ENGINEERING ENHANCES THE ACCURACY OF SHORT-TERM TRAFFIC LATENCY PREDICTION <u>Man Fung HO</u> , Lap SO, Jiaqi ZHANG, Yuheng ZHAO, Huiyang LU, Tat Shing CHOI and Kwok Yee Michael WONG
	USING OPEN DATA AND DEEP LEARNING TO EXPLORE WALKABILITY: A BIG DATA-DRIVEN STUDY <u>Xuan HE</u> and Sylvia Ying HE
	DOES THE NEGLECT OF THE SPATIOTEMPORAL HETEROGENEITY OF RIDESPLITTING SERVICE WILLINGNESS IN MODELLING LEAD TO BIASED PERFORMANCE ESTIMATION? A BIG DATA-BASED SIMULATION EXPLORATION <u>Guan HUANG</u> and Anthony Gar On YEH

Session E4: Mechanism Design (Picasso Room A) <i>Session Chair: Dr. Sisi JIAN</i>	
13:50 - 15:10	AN INCENTIVE STRATEGY FOR THE RETENTION OF IMPATIENT PASSENGERS IN RIDE-SOURCING MARKETS <u>Yuhan LIU</u> , Xiaoran QIN and Hai YANG
	PUBLIC ACCEPTANCE OF CAR-POOLING AND TAXI RIDE-SHARING IN HONG KONG <u>R.C.P. WONG</u> , Jintao KE, W.Y. SZETO, P.L. MAK
	INCORPORATING MATCHING MECHANISMS INTO MARKET DESIGN FOR REHABILITATION RESERVATION SYSTEM <u>Chen-Yu LAN</u> , Chih-Peng CHU and Cheng-Chieh CHEN
	A COOPERATIVE TOKEN MECHANISM WITHOUT PAYMENTS FOR EFFICIENT ROAD USE <u>Soki TAKANO</u> and Yusuke HARA
	STUDY ON THE POSSIBILITY TO CHANGE TRAVEL BEHAVIOR BY GAMIFICATION TO EXPRESSWAY DRIVERS <u>Takumi ASAOKA</u> and Toshiyuki NAKAMURA
	ON-DEMAND RIDE-SOURCING MARKETS WITH CRYPTOCURRENCY-BASED FARE-REWARD SCHEME <u>Donghun SON</u>

Detailed Presentation Schedule

Day 2: 13 December 2022 (Tuesday)

Session E5: Outstanding Student Paper Award (Picasso Room B) <i>Session Chair: Dr. Sen LI</i>	
13:50 - 15:10	REPLICA EXCHANGE MCMC SAMPLING TO INFER LATENT CLASS MODEL <u>Masahiro ARAKI</u>
	EV MANUFACTURER ENCROACHMENT INTO TRANSPORT MARKET UNDER ASYMMETRIC INFORMATION <u>Yanyan DING</u>
	DRIVING A FUTURE TRANSPORT SCHEME TOWARDS SPATIAL JUSTICE: MOBILITY-AS-A-SERVICE-ORIENTED PUBLIC TRANSIT AND ITS ACCESSIBILITY <u>Si QIAO</u>

Conference Map	Additional Information
 <p>Lower Ground Level 1st Floor</p>	<p>Wifi: CONFERENCE@INTERCONTINENTAL Password: icgsicgs</p>
 <p>First Floor</p>	