

THE 14TH HKSTS INTERNATIONAL CONFERENCE
Transportation and Geography
10 – 12 December 2009
InterContinental Grand Stanford Hong Kong
70 Mody Road, Tsimshatsui East, Kowloon, Hong Kong

SESSION SCHEDULE**10 December 2009 (Thursday)**

Time	Event				
08:30 – 09:00	Registration (Pre-Function Area)				
08:45 – 09:00	Music Performance by violinist Miss Li Ling <i>Madrigal (牧歌), A nocturne on the fishing boat (渔舟唱晚), Chopin: Nocturne in C# minor (肖邦升C小调夜曲)</i>				
09:00 – 09:15	Welcome Addresses (Picasso Room) Prof. Tao TANG <i>Associate Vice President, Hong Kong Baptist University</i> Prof. S.C. WONG <i>Vice President, Hong Kong Society for Transportation Studies</i>				
09:15 – 10:15	Keynote Addresses (Picasso Room) Mrs. Ava S Y NG <i>Director of Planning Department HKSAR</i> Prof. Harry TIMMERMANS <i>Eindhoven University of Technology, The Netherlands</i>				
10:15 – 10:45	Coffee Break (Pre-Function Area)				
10:45 – 12:15	Plenary Session I (Picasso Room)				
12:15 – 13:30	Conference Lunch (Academy Room, 1/F)				
13:30 – 15:00	Session A1 (Picasso Room) Airline Networks	Session A2 (Picasso Room A) Built Environment and Travel Behavior	Session A3 (Picasso Room B) Outstanding Student Paper Award	Session A4 (Monet Room A) Vehicle Routing	Session A5 (Monet Room B) Traffic Models
15:00 – 15:30	Coffee Break (Pre-Function Area)				
15:30 – 17:00	Session B1 (Picasso Room) Airports	Session B2 (Picasso Room A) Modelling Pedestrian Movement and Travel Survey	Session B3 (Picasso Room B) Energy and Emission	Session B4 (Monet Room A) Travel Time and Level of Service	Session B5 (Monet Room B) Logistics and Distribution
Conference Banquet					
18:00 –	Tsim Tung Ho Choi Seafood Restaurant, UG floor, Empire Centre, 68 Mody Road, Tsim Sha Tsui				

Welcome Addresses (Picasso Room)	
09:00 – 09:10	Welcome Speech by Prof. Tao TANG <i>Associate Vice President, Hong Kong Baptist University</i>
09:10 – 09:15	Opening Speech by Prof. S.C. WONG <i>Vice President of HKSTS</i>
Keynote Address (Picasso Room) <i>Session Chair: Prof. S.C. WONG</i>	
09:15 – 10:15	Challenges for Territorial and Transport Development in Hong Kong Mrs. Ava S Y NG <i>Director of Planning Department HKSAR</i> Collecting Activity-Travel Data Using Modern ICT: Recent Developments and Prospects Prof. Harry TIMMERMANS <i>Eindhoven University of Technology, The Netherlands</i>
10:15 – 10:45 Coffee Break	
Plenary Session I (Picasso Room) <i>Session Chair: Prof. Donggen WANG</i>	
10:45 – 11:15	Air Freight and Airports A Global Study Prof. Kevin O'CONNOR <i>The University of Melbourne, Australia</i>
11:15 – 11:45	Econometric Modelling of Time-Varying Origin-Destination Flows Dr Hing Po LO <i>City University of Hong Kong, Hong Kong</i>
11:45 – 12:15	Modeling Heterogeneous Drivers' Responses to Route Guidance and Parking Information Systems in Stochastic and Time-Dependent Networks Dr Zhi-Chun LI <i>Huazhong University of Science and Technology, China</i> (Outstanding Dissertation Paper Award)
12:15 – 13:30 Conference Lunch	
Session A1: Airline networks (Picasso Room) <i>Session Chair: Prof. Juan Carlos MARTIN University of Las Palmas GC, Spain</i>	
13:30 – 15:00	Optimal Aircraft Maintenance Schedule Adjustment following Incidents in Short-Term Operations Fei-Yen HSIAO, Shangyao YAN, Yu-ching CHEN <i>National Central University, Taiwan</i>
	Airline Operating Performance Indicators towards Implications: An Analysis of Major North American Airlines Winai HOMSOMBAT, Xiaowen FU, Agachai SUMALEE <i>The Hong Kong Polytechnic University, Hong Kong</i>

	<p>How to Characterize Airline Networks: A Case Study of Binter Canarias Juan Carlos MARTIN, Isabel SANTANA <i>University of Las Palmas GC, Spain</i></p>
	<p>Exploring Network Effects of Point-to-Point Networks: An Investigation of the Spatial Entry Patterns of Southwest Airlines Jia YAN, Xiaowen FU, Tae OUM <i>Washington State University, USA</i></p>
<p>Session A2: Built environment and travel behaviour (Picasso Room A) Session Chair: Prof. Jen-Jia LIN National Taipei University, Taiwan</p>	
13:30 – 15:00	<p>A Study on Travel Patterns and Characteristics of Travellers and Land Uses in Seoul using a Large Data Set C. H. JOH, C.S. HWANG, T. A. ARENTZE and H.J.P. TIMMERMANS <i>Kyung-Hee University, South Korea</i></p>
	<p>Built Environment Effects on Leisure Travel for Children: Trip Generation and Travel Mode Jen-Jia LIN, Tzu-Pen YU <i>National Taipei University, Taiwan</i></p>
	<p>Commuting Cost in Hong Kong: A Multi-Group Comparison Becky P.Y. LOO and Winnie W.Y. LAM <i>The University of Hong Kong, Hong Kong</i></p>
	<p>GPS-enabled Automated Data Collection for Studying Human's Activity-Travel Behavior Bingxia SUN, Donggen WANG, Linyuan XIA <i>Hong Kong Baptist University, Hong Kong</i></p>
<p>Session A3: Outstanding student paper award (Picasso Room B) Session Chair: Dr. Stephen W.K. LAM</p>	
13:30 – 15:00	<p>Calibration of the Pedestrian Activity-Simulation Model for Hong Kong Urban Areas Jodie Y. S. LEE <i>The Hong Kong Polytechnic University, Hong Kong</i></p>
	<p>Heuristic Global Optimization Method for Continuous Network Design Problem Paramet LUATHEP <i>The Hong Kong Polytechnic University, Hong Kong</i></p>
	<p>Stochastic Cell Transmission Model (SCTM) for Traffic Network Renxin ZHONG <i>The Hong Kong Polytechnic University, Hong Kong</i></p>
<p>Session A4: Vehicle Routing (Monet Room A) Session Chair: Dr Stephen C. H. LEUNG, City University of Hong Kong</p>	
13:30 – 15:00	<p>A Novel Solution Algorithm for Solving Multi-Class Reliability-Based Path Choice Problem Bi Yu CHEN, William H.K. LAM, Hu SHAO, Mei Lam TAM <i>The Hong Kong Polytechnic University, Hong Kong</i></p>

	<p>A Heuristic Algorithm for the Vehicle Routing Problem with Loading Constraints Stephen C. H. LEUNG, Jiemin ZHENG, Defu ZHANG, Xiyue ZHOU <i>City university of Hong Kong, Hong Kong</i></p>
	<p>Lane Recognition and Preceding Vehicle Tracking based on Computer Vision Yanwen CHONG, Wu CHEN, Zhilin LI, William H. K. LAM <i>Wuhan University, China</i></p>
	<p>A New Car Following Model Considering the Acceleration of Leading Car Li-juan LIU, Ning ZHANG <i>Beihang University, China</i></p>
<p>Session A5: Traffic Models (Monet Room B) <i>Session Chair: Prof. Toshihiko MIYAGI, Tohoku University, Japan</i></p>	
13:30 – 15:00	<p>The Impact of Location and Number of Traffic Counts in the Accuracy of O-D Matrices Estimated From Traffic Counts Nindy Cahyo KRESNANTO, Ofyar Z. TAMIN <i>Janabadra University, Indonesia</i></p>
	<p>A Mean-Variance Approach to Mixed Strategies for Dispatching Problems under Travel Time Uncertainty Takeshi NAGAE and Shin'ichi SASAKI <i>The University of Electro-Communication, Japan</i></p>
	<p>Grouping the Nodes of a Digital Road Map for Matching a Rough Network Kazutaka TAKAO, Yasuo ASAKURA <i>Institute of Systems Science Research, Japan</i></p>
	<p>A Reinforcement Learning Algorithm for Analysing Route-Choice Behaviour in Road Networks Toshihiko MIYAGI <i>Tohoku University, Japan</i></p>
	<p>Speed - Flow Characteristics of High Speed Corridors in India E. Madhu, S. Velmurugan, K. Ravinder and S. Gangopadhyay <i>Central Road Research Institute (C.R.R.I.), India</i></p>
<p>15:00 – 15:30 Coffee Break</p>	
<p>Session B1: Airports (Picasso Room) <i>Session Chair: Prof. Claude COMTOIS, University of Montreal, Canada</i></p>	
15:30 – 17:00	<p>The Specification of Aircraft Operations in the Airports' Cost Function: The Problem of Aggregation Juan Carlos MARTÍN, Augusto VOLTES-DORTA <i>University of Las Palmas GC, Spain</i></p>
	<p>Implications of the Haneda Airport Expansion on Air Passenger Transport in Tokyo: A Traveller's Perspective H. Y. TONG, K.L. LEI, Simon S.M. YUEN <i>PolyU Hong Kong Community College, Hong Kong</i></p>
	<p>Economic Growth Effects of Airport Capital and Air Traffic: the Case of German Airports Florian ALLROGGEN, Robert MALINA <i>University of Mueuster, Germany</i></p>

	Combining Grey Relational Analysis with TOPSIS Techniques to Evaluate Service Quality of Airports in Fuzzy Environment Ming-Shin KUO, Shao-Yun CHEN, Wen-Chih HUANG <i>Kainan University, Taiwan</i>
	Manpower Scheduling Problem at the Airport with Heterogeneous Skills Yong-Hong KUO <i>The Chinese University of Hong Kong, Hong Kong</i>
Session B2: Modelling Pedestrian Movement and Travel Survey (Picasso Room A) Session Chair: Ir Aloys BORGERS Eindhoven University of Technology, the Netherlands	
15:30 – 17:00	Highlights of the 2009 Travel Characteristics Survey of Macao I.M. WAN, K. I. WONG, K. P. KOU <i>University of Macau, Macao</i>
	Modelling Pedestrian Movement in Shopping Street Segments Aloys BORGERS, Astrid KEMPERMAN, and Harry TIMMERMANS <i>Eindhoven University of Technology, the Netherlands</i>
	Origin-Destination Estimation Based on Stability Evaluation using Mobile Phone Records Hao TIAN, Han WANG, Kunqing XIE, Xiujun MA, Shujuan ZHAO <i>Peking University, China</i>
	Q-K-V Modeling for a Dense Pedestrian Traffic Corridor of an Industrial Estate in Gujarat, India. G.J. JOSHI, B. K. KATTI, Ravi BHAIYAWALA <i>S.V. National Institute of Technology, India</i>
Session B3: Energy and Emission (Picasso Room B) Session Chair: Dr Xiaoning ZHANG, Tonji University, China	
15:30 – 17:00	Congestion Pricing to Reduce Traffic Emission Shuli SONG, Xiaoning ZHANG <i>Tonji University, China</i>
	Analysis of Critical Evaluation Factors of Alternative Fuel Vehicles using DEMATEL Sheng-Hung CHEN, Chen-Hui FAN, Yung- Hsuan OU, Cheng-Wei LIN, Gwo-Hshiung TZENG <i>Kainan University, Taiwan</i>
	Mode Shift Travel Demand Management Strategy for Congestion and Emission Reductions for Developing Countries (Jakarta Case) Ofyar Z. TAMIN , Muhammad Nanang PRAYUDYANTO <i>Institute Technology Bandung, Indonesia</i>
	Renewable Fuels Standards: Issues and Challenges Frank W. RUSCO, W. D. WALLS <i>US Government Accountability Office, U.S.A.</i>
	A Mass Balance Emission Model with Speed Modification K.L. MAK, W.T. HUNG <i>The Hong Kong Polytechnic University, Hong Kong</i>

Session B4: Travel time and level of service (Monet Room A) <i>Session Chair: Dr Francisco MARTÍNEZ Universidad de Chile, Chile</i>	
15:30 – 17:00	Quick Estimates of Travel Time Reliability: Analytical and Numerical Results Man Wo NG, W.Y. SZETO, S. Travis WALLER <i>The University of Texas at Austin, U.S.A.</i>
	Dynamic Stochastic Travel Time Estimation: The Stochastic Cell Transmission Model Based Approach Tianlu PAN and Agachai SUMALEE <i>The Hong Kong Polytechnic University, Hong Kong</i>
	Level of Service Criteria for Multilane Highways Carrying Heterogeneous Traffic G. DHIVYA, V. Thamizh ARASAN <i>Indian Institute of Technology Madras, India</i>
	Evaluating Traffic Congestion Measures from Motorist's Perceptions: A Case Study from Bangkok's Intelligent Traffic Sign System Kittipat TANGITTINUNT, Kasem CHOOCHARUKUL <i>Chulalongkorn University, Thailand</i>
Session B5: Logistics and Distribution (Monet Room B) <i>Session Chair: Dr Marcel TURKENSTEEN, Aarhus University, Denmark</i>	
15:30 – 17:00	A Study on Forecasting the Freight OD Volume of Railway Refrigerated Goods in China Based on Improved Gravity Model Jiao WANG, Xiao-dong ZHANG, Bo-ling HAN, Jun ZHOU, Yang SUN and Bin DENG <i>Beijing Jiaotong University, China</i>
	Minimum Cost Flow Problem in Distribution System with Product Differentiation Sutanto SOEHODHO, M.T. NAHRY <i>University of Indonesia, Indonesia</i>
	The Cost of Supplying Segmented Consumers from a Central Facility Marcel TURKENSTEEN, Andreas KLOSE <i>Aarhus University, Denmark</i>
	Critical Factor for Choosing an Outsourced Transportation Operator Using DEMATEL and ANP Wang-Ho HSU, Chen-Hui FAN , Sheng-Hung CHEN, Gwo-Hshiung TZENG, Leon YEN <i>National Taiwan Ocean University, Taiwan</i>
	Study on Freight Volume Share Ratio of Railway Tank Container in China Zhi-hua HUANG, Xiao-dong ZHANG, Yu-hua GUO, Bin DENG, Jing HE <i>Beijing Jiaotong University, China</i>

SESSION SCHEDULE**11 December 2009 (Friday)**

Time	Event				
09:00 – 10:30	Plenary Session II (Picasso Room)				
10:30 – 10:50	Coffee Break				
10:50 – 12:20	Session C1 (Picasso Room) Air Transportation	Session C2 (Picasso Room A) Location Choice	Session C3 (Picasso Room B) Taxi and Network Modelling	Session C4 (Monet Room A) Public Transport	Session C5 (Monet Room B) Safety and Traffic Accidents
12:20 – 13:35	Conference Lunch				
13:35 – 15:05	Session D1 (Picasso Room) Pavement Management	Session D2 (Picasso Room A) Traffic Signals	Session D3 (Picasso Room B) Transport Infrastructure and Investment	Session D4 (Monet Room A) Traffic Network Equilibrium	Session D5 (Monet Room B) Seaports
15:05 – 15:25	Coffee Break				
15:25 – 16:45	Session E1 (Picasso Room) Transport and Geography	Session E2 (Picasso Room A) Network Design	Session E3 (Picasso Room B) Transportation Planning for Safety	Session E4 (Monet Room A) Activity and Time Use	Session E5 (Monet Room B) Transportation and Spatial Development
16:45 – 17:00	Closing Address (Picasso Room)				

Plenary Session II (Picasso Room)	
<i>Session Chair: Prof. William LAM, The Hong Kong Polytechnic University</i>	
09:00 – 09:30	A New Quality Measure for Assessing Trip Tables Estimated from Traffic Counts Dr Anthony CHEN <i>Utah State University, U.S.A</i>
09:30 – 10:00	Subjective Well-Being and Activity-Travel Behavior Analysis -Applying Day Reconstruction Method to Explore Affective Experience during Travel- Dr Junyi ZHANG <i>Hiroshima University, Japan</i>
10:00 – 10:30	A Time-Hierarchical Microeconomic Model of Activities Dr Francisco MARTÍNEZ <i>University of Chile, Chile</i>
10:30 – 10:50	Coffee Break

Session C1: Air transportation: spatial perspective (Picasso Room) <i>Session Chair: Prof. Kevin O'CONNOR The University of Melbourne, Australia</i>	
10:50 – 12:20	Trans-Atlantic Airline Liberalisation: Towards a Global Aviation Market Michael ASTERIS <i>University of Portsmouth, U.K.</i>
	Characteristics of Intercity Air Travel in India A.M. JAIN, K. R. RAO <i>IIT Delhi, India</i>
	Competitiveness of Air Transportation in the Central Europe Daniel SEIDENGLANZ <i>Masaryk University, Czech Republic</i>
	Identifying Centrality in Air Transportation Network of China Huihui MO, Jiaoe WANG, Fengjun JIN <i>Institute of Geographic Sciences and Natural Resources Research, CAS, China</i>
Session C2: Location choice (Picasso Room A) <i>Session Chair: Prof. Harry TIMMERMANS, Eindhoven University of Technology, The Netherlands</i>	
10:50 – 12:20	Social Influence on Location Choice Dynamics Qi HAN, Theo ARENTZE and Harry TIMMERMANS <i>Eindhoven University of Technology, The Netherlands</i>
	Transport Management and Location Choices over Time Xiaosu MA and Hong K LO <i>The Hong Kong University of Science and Technology, Hong Kong</i>
	Entrance-Exit Location Model and Solution Algorithm for Beijing Underground Expressway Network Haozhi ZHANG, Baohua MAO, Ziyou GAO, Yulin JIANG <i>China Academy of Transportation Sciences, China</i>
	A Study on Combined Location Selection of Logistics Park of Three Professional Railway Transport Companies in Beijing Wen-Jun TANG and Xiao-Dong ZHANG, Shun-Hu SU and Hua PAN <i>Beijing Jiaotong University, China</i>
Session C3: Taxi and network modelling (Picasso Room B) <i>Session Chair: Prof. Hai YANG, The Hong Kong University of Science and Technology</i>	
10:50 – 12:20	Influence of Multi-class Customer-Searching Strategy of Taxi Drivers on Taxi System Performance Wen SHI, C.O. TONG, S.C. WONG, Hai YANG <i>The University of Hong Kong, Hong Kong</i>
	Properties of Pareto-Efficient Solutions for Taxi Services with a Bilateral Taxi-Customer Searching and Meeting Function Teng YANG and Hai YANG <i>The Hong Kong University of Science and Technology, Hong Kong</i>
	Analyses of Multi-Tasking on Public Buses during Work Commute Using Support Vector Machines and Boosted Regression Trees Harry TIMMERMANS and Junyi ZHANG <i>Eindhoven University of Technology, The Netherlands</i>

	<p>A Model of Gap Choice Behavior at an Urban Expressway Merging Section, Based on Video Image Data Masami YANAGIHARA, Nobuhiro UNO, Yasuhiro SHIOMI and Dahee HONG and Fumitaka KURAUCHI <i>Kyoto University, Japan</i></p>
<p>Session C4: Public Transport (Monet Room A) Session Chair: Dr Chao YANG, Tonji University, China</p>	
10:50 – 12:20	<p>Using State Preference (SP) to Analyze the Service Quality of Public Transport Concepción ROMAN, Juan Carlos MARTIN, Raquel ESPINO <i>University of Las Palmas GC, Spain</i></p>
	<p>Public Transport Demand Estimation by Calibrating the Combined Trip Distribution-Mode Choice (TDMC) Model From Passenger Counts Ofyar Z. TAMIN, Rahayu SULISTYORINI <i>Institute Technology Bandung, Indonesia</i></p>
	<p>Urban Rail Transit Network Analysis from the Topological, Metric and Functional Perspectives Chao YANG and Yi WANG <i>Tonji University, China</i></p>
	<p>A Bus Network Design Problem for a Suburban Residential Area in Hong Kong W. Y. SZETO, Y. Z. WU <i>The National University of Singapore, Singapore</i></p>
<p>Session C5: Safety and Traffic Accidents (Monet Room B) Session Chair: Dr Junyi ZHANG Hiroshima University, Japan</p>	
10:50 – 12:20	<p>Identification of Focus Areas for Improving Safety Belt Usage in the United States Sunanda DISSANAYAKE <i>Kansas State University, U.S.A.</i></p>
	<p>Development and Analysis of GIS-based Road Traffic Injury Database for Karachi, Pakistan Mir Shabbar ALI, Afzal AHMED <i>NED University of Engineering and Technology, Pakistan</i></p>
	<p>Negative Binomial Regression Model for Disaggregate Analysis of Road Accidents in Hong Kong X. PEI, S.C. WONG, N.N. SZE <i>The University of Hong Kong, Hong Kong</i></p>
	<p>A Life-Cycle Cost Analysis Approach for Assessing Highway Intersection Safety Hardware Improvements Sunil MADANU, Zongzhi LI, Adrian MOORE, Samuel STALEY <i>Illinois Institute of Technology, U.S.A.</i></p>
12:20 – 13:35	Conference Lunch
<p>Session D1: pavement management(Picasso Room) Session Chair: Dr Yi JIANG, Purdue University, U.S.A.</p>	

13:35 – 15:05	An Optimal Schedule Adjustment Model for Ready Mixed Concrete Supply Following Incidents H.C. LIN, S. YAN & Y.C. LIU <i>National Central University, Taiwan</i>
	Optimization of Mixture Design for Flexible Pavement Using GA Patel ASHUTOSH K., P.J. GUNDALIYA <i>Government Polytechnic, Ahmedabad, India</i>
	Experiences and Evaluations of Pavement Reflective Cracking Control Techniques Yi JIANG, Zhonghua ZHAO <i>Purdue University, U.S.A.</i>
	Pavement Engineering Research in Hong Kong - The Way Forward Gordon L. M. LEUNG, W. G. WONG, L. W. CHEUNG <i>The Hong Kong Polytechnic University, Hong Kong</i>
	Experimental Exploration of the Inter-Relationship between Tyre Properties and Tyre/Road Noise Ka-ye HO and Wing-tat HUNG <i>The Hong Kong Polytechnic University, Hong Kong</i>
Session D2: Traffic signals (Picasso Room A) Session Chair: Prof. H.K. Lo, The Hong Kong University of Science and Technology	
13:35 – 15:05	Using High-Resolution Data Logging Device to Monitor Signalized Intersection Operations Yongqing GUO and Ahmed ABDEL-RAHIM <i>University of Idaho, U.S.A.</i>
	Discharge and Delay Estimation for Unsaturated Signalized Urban Intersection under Mixed Traffic Condition Chetan R. PATEL, G. J. JOSHI, B. K. KATTI <i>S.V. National Institute of Technology, India</i>
	Queue-based Robust Traffic Signal Control Lin XIAO and Hong K LO <i>The Hong Kong University of Science and Technology, Hong Kong</i>
	An Algorithm for Transit Signal Priority Systems Shamas BAJWA, Geetha WEERASOORIYA, Majid SARVI, Masao KUWAHARA <i>RMIT University, Australia</i>
Session D3: Transport Infrastructure and Investment (Picasso Room B) Session Chair: Prof. Alexander EISENKOPFZeppelin University, Germany	
13:35 - 15:05	Analysis of an Efficient Urban Transport System: Lessons Learned from Beijing Southern Axis Bus Rapid Transit Line 1 Taotao DENG and John D. NELSON <i>University of Aberdeen, U.K.</i>
	Road Fund : An Alternative for Motorway Investment in Thailand Pruethipong SINGHATIRAJ, Chusak GAYWEE and Boonkua JANBANJONG <i>Department of Highways, Bangkok, Thailand</i>

	Road Infrastructure PPPS in Germany: Why Did the F-Model Fail? Two Case Studies A. KNORR and A. EISENKOPF <i>German University of Administrative Sciences, Germany</i>
	A New Life-Cycle Cost Analysis Approach for Highway Project Evaluation under Risk and Uncertainty Zongzhi LI, Samuel STALEY and Sunil MADANU <i>Illinois Institute of Technology, U.S.A.</i>
Session D4: Traffic Network Equilibrium (Monet Room A) Session Chair: Prof. Michael BELL, Imperial College, U.K.	
13:35 – 15:05	Traffic Assignment Model based on Network Dual Equilibrium Shengxue HE <i>University of Shanghai for Science and Technology, China</i>
	Tradable Bottleneck Permits under Demand Uncertainty Takeshi NAGAEA and Na GAI <i>The University of Electro-Communication, Japan</i>
	Short-Term Traffic Flow Forecasting for Urban Roads Ya-Chen HSIEH, K.I. WONG <i>National Chiao Tung University, Taiwan</i>
	Traffic Rationing and Short-term and Long-term Equilibrium Xiaolei WANG, Hai YANG and Deren HAN <i>The Hong Kong University of Science and Technology, Hong Kong</i>
Session D5: Seaports (Monet Room B) Session Chair: Prof. Jacques J. CHARLIER University of Louvain-la-Neuve, Belgium	
13:35 – 15:05	The Benelux Seaport System. From Competition to Co-opetition Jacques J. CHARLIER <i>University of Louvain-la-Neuve, Belgium</i>
	Measuring Efficiency of Bulk Ports in Canada Claude COMTOIS and Brian SLACK <i>University of Montreal, Canada</i>
	Optimal Hub Port Location in China-Northern European Container Liner Route Qitao WU, Hong-ou ZHANG, Fengui CHEN, Weilian CHEN <i>South China Sea Institution of Oceanology, China</i>
	Shipping Companies facing World Economic Crisis Paul BOCANETE, Ramona BEJAN, Georgiana SIVRIU, Anastasia VARSAMI, Radu HANZU-PAZARA, Ioana VISAN <i>Constanta Maritime University, Romania</i>
15:05 – 15:25	Coffee Break
Session E1: Transport and Geography (Picasso Room) Session Chair: Prof. Yves BOQUET, Université de Bourgogne, France	
15:25 – 16:45	High-Speed Rail Transportation and the New Geography of France Yves BOQUET <i>Université de Bourgogne, France</i>

	<p>Estimating the Wider Economic Benefits of Air Transport Richard KLOPHAUS <i>Worms University of Applied Sciences, Germany</i></p>
	<p>Transport Gateway-making as A Regional Strategy: A Case Study of Guangxi, China James J. WANG <i>The University of Hong Kong, Hong Kong</i></p>
	<p>The Impact of Oil Terminal Constanta on Romania's Maritime Economy Corina POPESCU, Anastasia VARSAMI, Radu HANZU-PAZARA, Paulica C. ARSENIIE, Paul BOCANETE, Georgiana SIVRIU, Ramona BEJAN <i>Constanta Maritime University, Romania</i></p>
<p>Session E2: Network design (Picasso Room A) <i>Session Chair: Dr Anthony Chen Utah State University, U.S.A.</i></p>	
15:25 – 16:45	<p>Development of Optimal Variable Speed-Limit Control Model Yu-Chiun CHIOU , Lawrence W. LAN and Po-Chen LIN, Yen-Fei HUANG <i>National Chiao Tung University, Taiwan</i></p>
	<p>Alpha Reliable Network Design Problem: Efficiency versus Equity Anthony CHEN, Seungkyu RYU, Chao YANG and S.C. WONG <i>Utah State University, U.S.A.</i></p>
	<p>Transportation Network Design Problem with a Privatization Strategy Zhijia TAN and Hai YANG <i>The Hong Kong University of Science and Technology, Hong Kong</i></p>
	<p>Study on Variable Lanes at Road Intersections Lei YUAN, Xiaoning ZHANG <i>Tonji University, China</i></p>
<p>Session E3: Transportation Planning for Safety (Picasso Room B) <i>Session Chair: Prof. S.C. WIRASINGHE University of Calgary, Canada</i></p>	
15:25 – 16:45	<p>Incorporating Safety Performance Measure into Urban Regional Transportation Planning Xiao QIN, Wei-Hua LIN <i>South Dakota State University, U.S.A.</i></p>
	<p>Planning Guidelines for a Coastal Railway Line Evacuation under a Tsunami Warning R.M.N.T. SIRISOMA, L. ZANZOTTO, S.C. WIRASINGHE <i>University of Calgary, Canada</i></p>
	<p>Increasing of Maritime Transportation Safety through New Developed Technologies Eugen BARSAN, Radu HANZU-PAZARA, Paulica ARSENIIE <i>Constanta Maritime University, Romania</i></p>
<p>Session E4: Activity and time use (Monet Room A) <i>Session Chair: Prof. Mei-Po Kwan The Ohio State University, U.S.A.</i></p>	
15:25 – 16:45	<p>A Comparison of Two Models for the use of Leisure Time Fan XIA, Yuan HUANG, and Hing-Po LO. <i>City University of Hong Kong, Hong Kong</i></p>

	<p>Gendered Rigidity of Space-Time Constraints and Human Activity Patterns: An Activity Based Approach Mei-Po KWAN, Tim SCHWANEN and Fang REN <i>The Ohio State University, U.S.A.</i></p>
	<p>Development of a Dynamic Trip-Planning System for Seamless Feeder Information Service Jau-Ming SU, Chih-Hung CHANG, Chih-Kang LIN, Chih-Tang CHANG <i>Chung Hua University, Taiwan</i></p>
<p>Session E5: Transport and Spatial development (Monet Room B) Session Chair: Dr Neil THORPE Newcastle University, U.K.</p>	
15:25 – 16:45	<p>Land Use Changes Associated to Highways Henar SALAS-OLMEDO, Soledad NOGUÉS and Esther GONZÁLEZ-GONZÁLEZ <i>University of Cantabria, Spain</i></p>
	<p>Spatial Development and the Sustainability of Urban Areas THORPE, N., HARGREAVES, A.J., MITCHELL, G., NAMDEO, A.K., WRIGHT, S.D., BRAKE, J.F. and NELSON, J.D. <i>Newcastle University, U.K.</i></p>
	<p>Public Involvement and Stakeholders Satisfaction in Heritage Sites Development: Case Study of As-Salt City Development Project Wa’el H. ‘AWAD, Maisa A. SHOMALI <i>Al -Ahliyya Amman University, Jordan</i></p>
<p>Closing Address (Picasso Room)</p>	
16:45 – 17:00	<p>Award Presentation for Outstanding Student Paper</p>
	<p>Closing Speech by Prof. Donggen WANG, Chair of the 14th HKSTS International Conference</p>