

The 2nd International Conference on Transportation Logistics (T-Log 2007)

4-6 July 2007

Shenzhen, China

Conference Programme

Pre-conference Scheme	
Tuesday	
3 July 2007	
Time	Venue : Hall of Kylinvilla Shenzhen
15:00- 24:00	Registration and Check in

Day 1 Wednesday 4 July 2007	
Time	Venue : University Town, Shenzhen (tentative)
08:00	Registration Room: Hall outside conference room
09:00	Opening Ceremony
	Moderator: Lixin Miao
09:00	Welcome Addresses Welcome Address from Tsinghua University Welcome Address from Guangdong Province Government / Shenzhen City Government Welcome Address from Prof. T.F. Fwa, Conference Co-Chair; <i>National University of Singapore, Singapore</i> Welcome Address from Prof. Hitoshi Ieda, Conference Co-Chair; <i>University of Tokyo, Japan</i>
	Opening Address Prof. Lixin Miao Conference Chair, Director, <i>Research Center for Modern logistics, Tsinghua University, P.R.China</i>
09:45	Tea Break (Foyer outside conference room)
10:00	Keynote Session
	Chair/Moderator: T.F. Fwa
10:05	Keynote Lectures: Prof. Chelsea C. White III , ISyE Chaired Professor in Transportation and Logistics, School of Industrial and Systems Engineering, Georgia Institute of Technology, USA
10:35	Prof. Teodor Gabriel Crainic, Director, ITS Laboratory, Centre for Research on Transportation, University of Montreal, Canada
11:05	Mr. Takeshi MURAOKA, from Port and Harbor Bureau, Ministry of Land, Infrastructure and Transport, Japan
11:35	Keynote speaker from China
12:05-	Discussion time(15 minutes)
12:20	
12:30	Lunch (provided) Room: Banqueting Hall, Kylinvilla Shenzhen

Day 1	
Wednesday 4 July 2007	
Time	Industrial Track 1-1 Room: University Town, Shenzhen (tentative)
14:00	Maritime Logistics
	Chair: Kim Hassall
	The Strengthening of International Inter-modal Transport Services by Utilizing International RO-RO Ships at The Port of HAKATA - Approaches by ‘Shanghai Super Express’-[253] <i>Hidetoshi Kume and Osamu Nakamura, Japan</i>
	The Situation of International Intermodal Transport Crossing Sea of Japan [257] <i>Ikuo Mitsuhashi and Shingo Narumi, Japan</i>
	Several Analyses on 45-Foot International Maritime Container Especially Focused in China [254] <i>Minglei Liu, Ryuichi SHIBASAKI and Jiaqi Li, China</i>
	An Analytical Study on International RORO Services and its Formation Condition[276] <i>Hitoshi ONODERA, Yasuo KANNAMI and Ryuichi SHIBASAKI, Japan</i>
	Industrial track speech from China (tentative)
16:00	Tea Break

Day 1 Wednesday 4 July 2007	
Time	Industrial Track 1-2 Room: University Town, Shenzhen (tentative)
16:20-18:20	Transportation
	Chair: Kim Hassall
	<p>A New Multi-route Search Approach with Application to Railway Interlock System [51] <i>Xiaoli She, Qiang Chen, Tuohua Yu and Jian Yang, China</i></p> <p>Estimating the Benefits of Performance Based Standard vehicles in Australia [250] <i>Kim Hassall, Russell G. Thompson and Ian Larkins, Australia</i></p> <p>The Future is Now: Improving Road Safety and Security with New and Automated Truck-only Lanes [233] <i>Sandy H. Straus, USA</i></p> <p>Industrial track speech from China (tentative)</p> <p>Urban Freight Transportation Analysis in Developing Countries: Case Study in Medan, Indonesia [174] (Research Track) <i>Hironori KATO and Junichi SATO, Japan</i></p> <p>A Decision Support System for Liner Service Network Planning [175] (Research Track) <i>Jasmine Siu Lee LAM and Soi Hoi LAM, Singapore</i></p>
18:30	Welcome Dinner Room: Banqueting Hall, Kylinvilla Shenzhen

Day 2			
Thursday 5 July 2007			
Time	Research Track 1-1 Room: University Town, Shenzhen	Research Track 2-1 Room: University Town, Shenzhen	Research Track 3-1 Room: University Town, Shenzhen
08:30	Transportation I	Supply Chain Management I	Information Technology in Logistics I
	Chair: T. F. Fwa	Chain: Teo Chung Piaw	Chair: Guowen Wang
	<p>Multimodal Trip Chains during Large Events: A Non-Homogeneous Markov Decision Process Approach [152] Matthew Karlaftis, Konstantinos Kepaptsoglou and Anthony Stathopoulos, <i>Greece</i></p> <p>A decision model for transport mode choice in the electronics goods trade between Singapore and Malaysia [212] Chan Weng Tat, Lucile Garot, K. Raguraman, <i>Singapore</i></p> <p>Route Planning for Delivery Vehicles by Simulation Considering Vehicle Operation Costs [173] T. F. Fwa, Wang Yan and R. L. Cheu, <i>singapore</i></p> <p>HAZMAT Truck Routing and Scheduling with Risk Control: Model and Heuristics [225] Yang, Saini, Hamedi, Masoud and Ali Haghani, <i>USA</i></p> <p>Decision Support System for Optimal Scheduling of Road Patrol Vehicles on Urban Expressway [223] Taro Okamoto, Eiichi Taniguchi, Tadashi Yamada and Yasuaki IKEDA, <i>Japan</i></p>	<p>Equilibrium Model for Supply Chain Network and Related Sensitivity Analysis [154] Ruhe Xie, Zhuqiang Qiu, Dezhi Zhang and Wenzhong Xiao, <i>China</i></p> <p>A supply chain network equilibrium model with capacity constraints based on Wardrop User Equilibrium [249] Ning Liu and Jing Zhou, <i>China</i></p> <p>Based on EMS supply chain, key factors for speed to market: Exploratory findings from a case study [182] Min Zhang, QingQing Xu and Lixin Miao, <i>China</i></p> <p>A Game-theoretical Model for Competitive Global Supply Chains [187] Yikai Huang and Qiang Meng, <i>singapore</i></p> <p>Speed to Market – A Third Party Coordinator based Apparel Supply Chain [255]</p>	<p>Deveolpment of Trade and Transport Database and Spatial Information System for the Upper Mekong Riparian Countries [169] Sumalee Sukdanont, Itthi Trisirisatayawong, Sorawit Narupiti and Sunanta Charoenpanyaying, <i>Thailand</i></p> <p>Using SOA to Integrate GIS and Logistics Information System [228] Jiaqi Li and Mingyao Qi, <i>China</i></p> <p>A Basic Model for Analyzing the Logistics Patterns in B2C E-commerce [181] Meng Liu, Dacheng Liu, Bihua Lan and Benhe Gao, <i>China</i></p> <p>An Empirical Examination of Transaction Channel Preferences in the U.S. Federal Supply Chain System [215] Chaodong Han, Yuliang Yao and Martin Dresner, <i>USA</i></p> <p>Concept for a Comprehensive Electronic Freight Data Management System [221] Jack Klodzinski, Patrick Kerr and Edwin Fernandez, <i>USA</i></p>

		Yinhua Mai, Qingqing Xu, Min Zhang and Lixin Miao, <i>China</i>	
10:10	Tea Break		

Day 2			
Thursday 5 July 2007			
Time	Research Track 1-2 Room: University Town, Shenzhen	Research Track 2-2 Room: University Town, Shenzhen	Research Track 3-2 Room: University Town, Shenzhen
10:20-12:20	Transportation II	Supply Chain Management II	Information Technology in Logistics II
	Chair: Qiang Meng	Chair: Chan Weng Tat	Chair: Mingyao Qi
	Trans-Asian multi-modal transport network: Its future view and possible approach [191] Kenji Ono, Masatake Fukumoto and Katsuhisa Fukuda, <i>Japan</i>	The study of the Price Risk Management in the Supply Chain Based on Financial Engineering Theory [170] Huihui Hao, Jun Tian and Heng Xu, <i>China</i>	A Container Management Information System in an industrial Environment -Methodologies and Proposals for Implementation [185] Elisabeth Lackner and Helmut E. Zsifkovits, <i>Austria</i>
	Sensitivity Analysis of the Logit-based Stochastic User Equilibrium Model for Transportation Networks with Entry-exit Toll Schemes [188] Qiang Meng, <i>singapore</i>	Evaluation System Study for China Customs Clearance Process [162] Ang Li and Linxin Miao, <i>China</i>	The Architecture of Logistics-Oriented geographic Information Service [218] Mingyao Qi and Jiaqi Li, <i>China</i>
	Determining the User Equilibrium Flow of the Traffic Assignment Problem by Circuit Simulation [198] Kuancheng Huang, ChaoChe Cheng and TzuChung Chuang, <i>China,Taiwan</i>	The Impacts and Recycling Systems of Waste of Electrical and Electronic Qquipment(WEEE) in China [159] Wenxiao Zhao, Benhe Gao and Lixin Miao, <i>China</i>	Research on the Problem on On-line Leasing of DVD Products [166] Zhuqiang Qiu, Lianbo Deng, Duwei Li, Liqi Ma, <i>China</i>
	Evaluation of an Open Road Tolling Concept at a Toll Collection Facility [222] Jack Klodzinski, Haitham M. Al-Deek and Eric Gordin, <i>USA</i>	Reverse Logistics System Planning for Recycling Electrical Appliances in Asia Pacific Region [245] Der-Horng LEE, Meng Dong, Wen Bian, <i>Singapore</i>	The Optimization of Storage Bin Distribution Based on Data Mining [201] Junsen Liu, Lixin Miao and Mingyao Qi, <i>China</i>
	International Freight Flow Modeling considering Cross-Border Transport Especially Focused in Mekong River Area [210]	Application of GA in the Plan and Design of Reverse Logistics Network [153]	Service-oriented Architecture based system integration research for bulk cargo Wharf [256]

	Ryuichi SHIBASAKI, Liqiang MA, Hitoshi IEDA, and Lixin MIAO, <i>Japan</i>	Zhuqiang Qiu, Ruhe Xie, Duwei Li and Liqi Ma, <i>China</i>	LuYang Zhang and Jiaqi LI, <i>China</i>
12:30	Lunch (provided) Room: Banqueting Hall, Kylinvilla Shenzhen		

Day 2 Thursday 5 July 2007			
Time	Research Track 1-3 Room: University Town	Research Track 2-3 Room: University Town, Shenzhen	Research Track 3-3 Room: University Town, Shenzhen
14:00	Transportation III	Supply Chain Management III	Maritime Logistics I
	Chair: Qiang Meng	Chair: Chan Weng Tat	Chair: Der-Horng LEE
	Analysis of Rail Freight Station Service Planning Strategies in the Multi-echelon Rail Logistics System [244] Yunling Yue, Lixin Miao and Chunhai Li, <i>China</i>	A Markov Chain Application to Manpower Planning Model in logistics industry [157] Dapeng Sun and Xiaoping Zhang, <i>China</i>	The Berth Allocation Problem: A Formulation Reflecting Service Priority Arrangements with Time Windows [196] Maria Boile, Sotirios Theofanis and Mihalis Golias, <i>USA</i>
	Development of the Interurban Service with the Use of Alternative Commercial Road Trains [243] Oleg Pocklad, <i>Russia</i>	The Production Planning based on Seasonal Variable Delivery Time [248] Haiying Wang, Dacheng Liu, Li Zheng and Xiaowei Jin, <i>China</i>	Simultaneous Load Scheduling of Quay Crane and Yard Crane in Port Container Terminals [199] Zhi Cao, Der-Horng Lee, Qiang Meng and Huiqiu Wang, <i>Singapore</i>
	Reducing truckload transportation costs through continuous move optimization [178] Yossiri Adulyasak and Manoj Lohatepanont, <i>Thailand</i>	A Study on the Optimization of Business Logistics Cost Based on Order Ranking and Combining [160] Guoqing Zhang, Minqiang Ye, Xiaoping Zhang and Longqing Liu, <i>China</i>	Storage Allocation Problem for Transshipment Containers at the Container Terminal for mega-containerships [204] Etsuko Nishimura, Akio Imai and Stratos Papadimitriou, <i>Japan</i>
	Operational Planning for Military	New Methods in Logistics Cost Calculation [189] Hui Lu and Su Wu, <i>China</i>	A method for real-time storage space allocation of export containers in container terminals [177] Su Zhao, Wenhuan Liu and Xiaoping Zhang, <i>China</i>
			A genetic algorithm for quay crane scheduling with handling priority in port container terminals [200]

	Demolitions: An Integrated Systems Approach [151] Matthew G. Karlaftis and Konstantinos L. Kepaptsoglou, <i>Greece</i>	Significance of Seamless Logistics in Asia : from SCM Perspective [206] Motohisa ABE and Tomihiro Watanabe, <i>Japan</i>	Der-Horng Lee, Huiqiu Wang and Lixin Miao, <i>Singapore</i> An optimization model for container ship stowage planning in indented berth terminals [219] Masoud Hamed, Ali Haghani and Saini Yang, <i>USA</i>
16:00	Tea Break		

Day 2 Thursday 5 July 2007			
Time	Research Track 1-4 Room: University Town, Shenzhen	Research Track 2-4 Room: University Town, Shenzhen	Research Track 3-4 Room: University Town, Shenzhen
16:20- 18:40	Warehouse and Distribution Center Chair: Russell G. Thompson	Regional Logistics Chair: Qingqing Xu	Maritime Logistics II Chair: Ryuichi SHIBASAKI
	Modeling and Optimization of the multi-objective Optimal Path Problem in Distribution Center [197] Gensheng Liu, Song Gao, Gang Cao and Rongming Yang, <i>China</i> A Model Based on EIQ Method for Order-picking Systems in Distribution Centers [205] Shuangjiao Fan and Jiaqi Li, <i>China</i> Optimization of Storage Location Assignment of Automated Storage and Retrieval System [161] Yuliang Jia and Lixin Miao, <i>China</i> Applying Simulated Annealing Algorithm for the Two-dimensional Pallet Loading Problem [168] Kun-Chih Wu and Ching-Jung Ting, <i>China, Taiwan</i> Open-structured Simulation Modeling of	The Evaluation of Regional Logistics Development Based on Resource Endowment: An Empirical Study [155] Heng Xu, Songzheng Zhao and Na Gao, <i>China</i> Logistics strategies and customer service levels in a developing economy: empirical evidence from Nigeria. [171] Chinonye Ugboma, Innocent C. Ogwude and Ogochukwu Ugboma, <i>Nigeria</i> Planning strategies in logistics and multimodal infrastructures development for Suratthani, Thailand [208] Ladda P Tanwanichkul, Pichai Taneerananon and Nara Khomnamool, <i>Thailand</i> The Application of Back-Propagation Neural Network (BPNN) in Forecasting the Logistics Capacity in Hubei	An optimization model for container ship stowage planning in indented berth terminals [219] Masoud Hamed, Ali Haghani and Saini Yang, <i>USA</i> The role of ports in global supply chains [172] Albert W. Veenstra, <i>Netherlands</i> Port Rivalry and Its Future: in the sense of “Co-opetition” [203] Mikio TAKEBAYASHI , Hazuki MIYAMOTO and Takamasa IWAI, <i>Japan</i> Formal Development and Evaluation of Narrow Passageway System Operations [192] Evangelos Kaisar, Mark Austin and Stratos Papadimitriou, <i>USA</i> Comparative Analysis of Hinterland Transport of

	Warehouse Systems [180] Yukun Liu and Xiaoping Zhang, <i>China</i>	Province [246] Qing Liu and Cunxin Tao, <i>China</i>	International Maritime Containers [209] Ryuichi SHIBASAKI and Tomihiro WATANABE, <i>Japan</i>
	Influence on Rank-size Rule for Distribution Centers under the Innovations in Logistics [252] Makoto OKUMURA and Makoto TSUKAI, <i>Japan</i>	Potential Barriers and Critical Success Factors for the logistics development in China [247] Xiu Li and Wenhuan Liu, <i>China</i>	International RORO Transport Market Potential analysis under The Seamless Asian Logistic Network [237] Hitoshi IEDA, Liqiang MA and Ryodai KIZUSHI, <i>Japan</i>
19:00	Dinner in Banqueting Hall, Kylinvilla Shenzhen		

Day 3 Friday 6 July 2007	
Time	Tour
09:00-18:00	Ports and Distribution Centers
19:00	Speakers' Night