8

THE ELEVENTH INTERNATIONAL CONFERENCE ON ADVANCED SYSTEMS FOR PUBLIC TRANSPORT (CASPT 09)

20 - 22 July 2009, Hong Kong

20 July 2009 (Monday)

20 July 2009 (IV	ionday)			
Time	Event			
08:30 - 09:00	Registration			
08.30 - 09.00	Pre-Function Area			
09:00 – 09:30	Welcome Addresses	S		
05.00 - 05.50	Picasso Room			
09:30 – 10:10	Keynote Presentation	on by Dorothy Chan		
05.50 10.10	Picasso Room			
10:10 - 10:40	Coffee Break			
10.10 10.40	Pre-Function Area			
10:40 – 11:20	-	on by Nigel H.M. Wils	on	
10.10 11.20	Picasso Room			
11:20 – 12:00	1 -	on by S.C. (Chan) Wir	asinghe and U. Vandel	bona
11.20 12.00	Picasso Room			
12:00 – 13:45	Conference Lunch			
12.00 13.13	Academy Room, 1/F			
	Session A1	Session A2	Session A3	Session A4
	Picasso Room	Monet Room A	Monet Room B	Picasso Room B
13:45 – 15:00				
13113 13100	Planning and	Scheduling	Air Transportation	Automatic Vehicle
	Policy I	Seriedamig	7 III Transportation	Location Systems
15:00 – 15:30	Coffee Break			
15.00 15.50	Pre-Function Area			
	Session B1	Session B2	Session B3	Session B4
	Picasso Room	Monet Room A	Monet Room B	Picasso Room B
15:30 – 16:45				
15.50 - 10.45	Planning and	Transfer	Demand Analysis	Transit Service
	Policy II	Management	Demand Analysis	Design
16:45 – 18:00	Break			
18:00 – 20:00	Welcome Reception			
10.00 20.00	Monet Room A and	В		

20 July 2009 (Mo	onday)	Abstract
	Welcome Addresses	
	Picasso Room	
	Welcome Address by Roland T.H. Chin	
09:00 - 09:10	Vice-President for Academic Affairs, The Hong Kong University of Science at	nd
	Technology	
09:10 - 09:20	Welcome Address by William H.L. Lam	
	President, Hong Kong Society for Transportation Studies	
	Opening Address by Hong K. Lo	
09:20 - 09:30	Conference Chair	
	Department of Civil and Environmental Engineering, The Hong Kong Univer	sity of
_	Science and Technology	
	Keynote Presentation	
	Picasso Room	
09:30 - 10:10	Transport Development - Review and Challenges	p. 25
05.50 10.10	Dorothy Chan	p. 23
	Deputy Director, School of Professional and Continuing Education, The	
	University of Hong Kong; Former Deputy Commissioner for Transport	
	consecutive of the right control of the right contr	
10:10 10:10	Coffee Break	
10:10 – 10:40	Pre-Function area	
	Keynote Presentation	
	Picasso Room	
10:40 – 11:20	Evolving Relationships among Operations Planning, Operations	p. 26
	Control, Passenger Information and Fare Payment in the Urban	
	Public Transport Industry	
	Nigel H.M. Wilson	
	Massachusetts Institute of Technology, USA	
	Keynote Presentation	
	Picasso Room	
11:20 - 12:00	Public Transport Analysis: Back to Basics	p. 27
	S.C. (Chan) Wirasinghe and U. Vandebona	r· = /
	University of Calgary, Canada; University of New South Wales,	
	Australia	

12:00 – 13:45	Conference Lunch Academy Room, 1/F	
	Session A1: Planning and Policy I (Picasso Room)	
	Session Chair: Barbara W.Y. Siu	
13:45 – 14:10	Optimal coordination strategy for an integrated multi-modal and	p.33
	multi-operator transit system (MS-54)	
	Soi Hoi Lam, Shoujie Li and Yiik Diew Wong	
14:10 - 14:35	Pareto Efficient Strategies for Regulating Public Transit Operations	p. 34
	(MS-57)	
	Qiong Tian, Hai Yang and Haijun Huang	
14:35 – 15:00	The influence analysis of policies to public transit (MS-66)	p. 35
	Haiyan Wu, Jianxin Lin and Chenhai Ouyang	-

20 July 2009 (Mo	onday)	Abstract
	Session A2: Scheduling (Monet Room A)	
	Session Chair: Robert L. Bertini	
13:45 – 14:10	Effect of driving-time determination and holding points on reliability	p. 36
	(MS-9)	
	N. van Oort, J.W. Boterman and R. van Nes	
14:10 – 14:35	Integrated timetabling and vehicle scheduling in practice (MS-83)	p. 37
	Charles Fleurent and Réjean Lessard	
14:35 – 15:00	A Multi-Level Framework for Generating Timetables in Highly Utilized	p. 38
	Railway Networks (MS-101)	
	Gabrio Caimi, Martin Fuchsberger, Marco Laumanns and Kaspar	
_	Schüpbach	
	Casion A2: Air Transportation (Manat Doom D)	
	Session A3: Air Transportation (Monet Room B) Session Chair: Mark Hickman	
12.45 14.10		n 20
13:45 – 14:10	The TSAT Allocation System at London Heathrow: the relationship	p. 39
	between slot compliance, throughput and equity (MS-125)	
14:10 – 14:35	Jason A.D. Atkin, Edmund K. Burke and John S. Greenwood	n 10
14:10 - 14:35	Multi-objective approaches to investigate airline schedule robustness: the 3-objective case (MS-128)	p. 40
	Edmund K. Burke, Patrick De Causmaecker, Geert De Maere, Jeroen	
	Mulder and Marc Paelinck	
14:35 – 15:00	Statistical mechanics for analytic planning: An application to	n /11
14.55 - 15.00	domestic air traffic in China (MS-137)	p. 41
	Hans Huber and Shailesh Mehta	
	Tians riuber and Shallesh Merica	
	Session A4: Automatic Vehicle Location Systems (Picasso Room B)	
	Session Chair: Jane Lin	
13:45 – 14:10	Investigation in Real-Time Bus Headway Reliability Measure (MS-12)	p. 42
	Jie (Jane) Lin and Minyan Ruan	•
14:10 – 14:35	Identifying Recurring Congestion on Urban Streets using Automated	p. 43
	Vehicle Location-equipped Transit Buses as Probes (MS-117)	•
	Rabi G. Mishalani, Prem Goel, Mark M. McCord, Cheng Chen and	
	Jinguo Gao	
14:35 – 15:00	Assignment-based Methodology to Match Automated Vehicle	p. 44
	Location Transit Bus Trip Trajectories to Schedules (MS-118)	•
	Yuxiong Ji , Rabi G. Mishalani and Mark M. McCord	
15,00 15,20	Coffee Break	
15:00 – 15:30	Pre-function Area	
	Session B1: Planning and Policy II (Picasso Room)	
	Session Chair: W.Y. Szeto	
15:30 – 15:55	The Research of Public Transport Policy Support the Commuter	p. 45
	Travel more Sustainable (MS-99)	
	Haiyan Wu and Chenghai Ouyang	
15:55 – 16:20	Integrated public transit priority strategies (MS-109)	p. 46
	Giuseppe Bellei and Konstantinos Gkoumas	
16:20 – 16:45	Assessment of public private partnership models for mass rail transit	p. 47
	- an influence diagram approach (MS-131)	
	S. Tang and Hong K. Lo	

20 July 2009 (Mo	onday)	Abstract
	Session B2: Transfer Management (Monet Room A)	
	Session Chair: Amer Shalaby	
15:30 – 15:55	Transfer Behavior and Transfer Planning in Public Transport Systems:	p. 48
	A Case of the London Underground (MS-28)	
	Zhan Guo and Nigel H.M. Wilson	
15:55 – 16:20	Development of a Holding Control Model for Real-Time Connection	p. 49
	Protection (MS-62)	
	Eui-Hwan Chung and Amer Shalaby	
16:20 - 16:45	The Transfer Penalty Measurement of the Regional Railway Stations	p. 50
	(MS-65)	
	Hye-Ran Kim, Hwang-bae Kim and Jin-hee Choi	
	Session B3: Demand Analysis (Monet Room B)	
	Session Chair: David Z.W. Wang	
15:30 – 15:55	Empirical Comparison of Urban Rail Network Demand Models: A	p. 51
	Case Study in the Tokyo Metropolitan Area (MS-32)	
	Hironori Kato, Yuichiro Kaneko and Masashi Inoue	
15:55 – 16:20	Financial Sustainability of Rail Transit Service: the effect of Urban	p. 52
	development pattern (MS-119)	
	David Z. W. Wang and Hong K. Lo	
16:20 - 16:45	Influence of vacant taxi driver's customer searching strategy on taxi	p. 53
	system performance (MS-129)	
	Shi Wen, C.O. Tong, S.C. Wong and Hai Yang	
	Session B4: Transit Service Design (Picasso Room B)	
	Session Chair: Pitu Mirchandani	
15:30 - 15:55	Design of express services for an urban bus corridor with capacity	p. 54
	constraints (MS-92)	
	Juan Carlos Muñoz, Ricardo Giesen, Homero Larrain and Carola Leiva	
15:55 – 16:20	Bus network design: procedure and application in large urban areas	p. 55
	(MS-105)	
	E. Cipriani, S. Gori, and M. Petrelli	
16:20 – 16:45	2-Vehicle Zone Optimal Design for Feeder Transit Services (MS-106)	p. 56
	Xiugang Li and Luca Quadrifoglio	
16:45 – 18:00	Break	
18:00 – 20:00	Welcome Reception	
10.00 20.00	Monet Room A and B	

21 July 2009 (Tuesday)

Time	Event			
09:00 - 09:40	Keynote Presentati	on by Stephen Chik		
09.00 - 09.40	Picasso Room			
09:40 – 10:20	Keynote Presentati	on by Avishai (Avi) C	eder	
09.40 - 10.20	Picasso Room			
10:20 – 10:45	Coffee Break			
10.20 - 10.45	Pre-Function Area			
	Session C1	Session C2	Session C3	Session C4
	Picasso Room A	Monet Room A	Monet Room B	Picasso Room B
10:45 – 12:00	Travel Behaviour	Transit Performance	Operations, Control and Management	Flexible Transit Modes
12:00 – 14:00	Conference Lunch		International Scien	tific Committee
12:00 - 14:00	Academy Room, 1/F		Lunch Meeting	
14:00 – 18:00	Technical Tours			
	Conference Dinner			
	Jumbo Floating Restaurant, Shum Wan, Aberdeen			
18:00 - 21:00				
	Note: Buses will be bring participants to	_	e of the conference h	otel at 18:00 to

21 July 2009	(Tuesday)	Abstract
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21 July 2003 (Tue	•	Abstract
	Keynote Presentation	
09:00 – 09:40	Picasso Room	n 20
09.00 - 09.40	Railway Development in Hong Kong Stephen Chik	p. 28
	Chief Civil and Planning Engineer, MTR Corporation Limited	
	Cinej civii and Flamming Engineer, With Corporation Enimeca	
	Keynote Presentation	
	Picasso Room	
09:40 - 10:20	Public-Transport Connectivity Measures and Performance within the	p. 29
	Operations Planning Process	
	Avishai (Avi) Ceder	
	University of Auckland, New Zealand; Technion, Isarel	
10:20 – 10:45	Coffee Break	
	Pre-Function Area	
	Session C1: Travel Behaviour (Picasso Room)	
	Session Chair: Yasuo Asakura	
10:45 – 11:10	Understanding travel behavior of public transportation user in	p. 57
10.45 11.10	Indonesian Metropolitan areas (MS-63)	p. 57
	Tri Basuki Joewono, Yusak O. Susilo and Wimpy Santosa	
11:10 – 11:35	Estimation of Behavioural Change of Railway Passengers Using Smart	p. 58
	Card Data (MS-68)	J
	Y. Asakura, T. Iryo, Y. Nakajima and T. Kusakabe	
11:35 – 12:00	Destination station choice analysis using hybrid choice model and	p. 59
	smart card data (MS-71)	•
	Chong Wei, Takamasa Iryo and Yasuo Asakura	
	Session C2: Transit Performance (Monet Room A)	
	Session Chair: Nigel H.M. Wilson	
10:45 – 11:10	The causal relationship of the service quality of TransJakarta Busway	p. 60
	(MS-15)	
11.10 11.25	Tri Basuki Joewono and Dhany Utami Ningtyas The Evaluation of Customer Satisfaction Degree for Bublic Transit	n 61
11:10 – 11:35	The Evaluation of Customer Satisfaction Degree for Public Transit Industry (MS-37)	p. 61
	Lixin Miao, Xiaobo Qu and Zhanwu Zhang	
11:35 – 12:00	Service Quality Measurement in Urban Rail Networks with Data from	p. 62
11.55 12.00	Automated Fare Collection Systems (MS-86)	p. 02
	Michael Frumin, David Uniman, Nigel H.M. Wilson, Rabi Mishalani and	
	John Attanucci	
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S	Gession C3: Operations, Control and Management (Monet Room B)	
	Session Chair: Leo G. Kroon	
10:45 – 11:10	Evaluation of controlling measures for light rail applied in practice	p. 63
	(MS-10)	
	N. van Oort and R. van Nes	
11:10 - 11:35	Centralized versus distributed railway traffic control (MS-18)	p. 64
	F. Corman, A. D'Ariano, D. Pacciarelli and M. Pranzo	

21 July 2009 (Tue	sday)		Abstract
11:35 – 12:00	Analysis of Bus Boading Limits Real-time	Control Strategy: When and	p. 65
	How much limiting Bus Boarding improve performance? (MS-87)		
	Felipe Delgado, Juan Carlos Muñoz, Ricardo Giesen and Aldo Cipriano		
	Session C4: Flexible Transit Modes	(Picasso Room B)	
	Session Chair: Hai Yai	ng	
10:45 - 11:10	Door-to-door DRT assignment model	considering travellers mode	p. 66
	choice (MS-82)		
	Fumitaka Kurauchi, Min Guo and Agachai	Sumalee	
11:10 - 11:35	A general framework for designing	demand responsive transit	p. 67
	service (MS-96)		
	Yuh-Jen Cho, Yi-An Chen and Suei-Han Ga	10	
11:35 – 12:00	Meeting functions and returns to scale	s in urban taxi services (MS-	p. 68
	135)		
	Teng Yang, Hai Yang and S.C. Wong		
12:00 – 14:00	Conference Lunch	International Scientific Con	nmittee
12.00 14.00	Academy Room, 1/F	Lunch Meeting	
	Technical Tours		
	Tour A: Hong Kong Shipyard		
14.00 10.00	Tour B: Hong Kong Tramways		
14:00 – 18:00	Tour C: KMB Lai Chi Kok Depot		
	Tour D: The Hong Kong RFID Centre		
	Conferen	ce Dinner	
18:00 – 21:00	Jumbo Floating Restaura	nt, Shum Wan, Aberdeen	
<u> </u>			
	Note: Buses will be arranged at entrand	ce of conference hotel at 18:00	to bring
	participants to t	he dinner venue	

22 July 2009 (Wednesday)

Time	Event			
09:00 - 09:40	Keynote Presentation Picasso Room	on by Stefan Voss		
09:40 – 10:20	Keynote Presentation Picasso Room	on by Pitu Mirchandar	i	
10:20 - 10:45	Coffee Break Pre-Function Area			
	Session D1 Picasso Room	Session D2 Monet Room A	Session D3 Monet Room B	Session D4 Picasso Room B
10:45 – 12:00	Bus Operations I	Transit Assignment	Crew Scheduling I	Heuristics I
12:00 – 13:30	Conference Lunch Academy Room, 1/F			
13:30 – 14:45	Session E1 Picasso Room	Session E2 Monet Room A	Session E3 Monet Room B	Session E4 Picasso Room B
13.30 – 14.43	Bus Operations II	Transit Assignment II	Crew Scheduling II	Heuristics II
14:45 – 15:15	Coffee Break Pre-Function Area			
	Session F1 Picasso Room A	Session F2 Monet Room A	Session F3 Monet Room B	Session F4 Picasso Room B
15:15 – 16:30	Transfer Management	Pricing	Information Technology in Transport	Heuristics III
16:30 – 17:00	Closing Ceremony Picasso Room			

22 July 2009 (We	dnesday)	Abstract
	Keynote Presentation	
	Picasso Room	
09:00 - 09:40	Public Transport: Where we are and where we go	p. 30
	Stefan Voss	
	University of Hamburg, Germany	
	Keynote Presentation	
00.40 10.20	Picasso Room Transit Signal Briggity: Proc and Cons (MS 22)	n 21 22
09:40 – 10:20	Transit Signal Priority: Pros and Cons? (MS-22) Pitu Mirchandani	p. 31, 32
	Arizona State University, USA	
	Anzona state oniversity, osa	
	Coffee Break	
10:20 – 10:45	Pre-Function Area	
	Session D1: Bus Operations I (Picasso Room)	
	Session Chair: Avi Ceder	
10:45 – 11:10	Scheduling-based bus operational-parking solution (MS-23)	p. 69
	Avishai (Avi) Ceder and Gali Israel	
11:10 - 11:35	Optimal Bus Fleet Management Strategies In A Congested Road	p. 70
	Network (MS-61)	
	CO Tong	
11:35 – 12:00	Using Archived Stop-Level Transit Data for Assessing Bus Operations	p. 71
	and Exploring Optimal Stop Spacing (MS-116)	
	Huan Li, Robert L. Bertini and Ahmed M. El-Geneidy	
	Cossion D2: Transit Assignment I (Manat Dagra A)	
	Session D2: Transit Assignment I (Monet Room A) Session Chair: Jan-Dirk Schmöecker	
10:45 – 11:10	Reliability-based stochastic transit assignment with capacity	p. 72
10.45 11.10	constraints (MS-29)	p. 72
	W.Y. Szeto, Muthu Solayappan and K.I. Wong	
11:10 – 11:35	A dynamic frequency-based assignment model for congested transit	p. 73
	networks using probit-based stochastic user equilibrium (MS-50)	•
	Younes Hamdouch and Siriphong Lawphonganich	
11:35 – 12:00	Transit Assignment Model Considering the Inter-dependent of Each	p. 74
	Line's Arrival (MS-69)	
	Hiroshi Shimamoto, Fumitaka Kurauchi, Jan-Dirk Schmöecker and	
	Michael G.H. Bell	
	Session D3: Crew Scheduling I (Monet Room B)	
40.45 44.40	Session Chair: Juan Carlos Muñoz	. 75
10:45 – 11:10	Assignment of work shifts to public transit drivers based on stated	p. 75
	preferences (MS-53) Sonia Montalya, Juan Carlos Muñoz and Ricardo Paredes	
11:10 – 11:35	Sonia Montalva, Juan Carlos Muñoz and Ricardo Paredes Train Driver Rescheduling applying Actor-Agent Techniques (MS-88)	p. 76
11.10 - 11.33	Erwin J.W. Abbink, David G.A. Mobach, Pieter J. Fioole, Leo G. Kroon,	μ. 70
	Eddy H.T. van der Heijden and Niek J.E. Wijngaards	
11:35 – 12:00	Multiple depot vehicle and crew scheduling with time windows for	p. 77
11.33 12.00	scheduled trips (MS-104)	p. , ,
	Natalia Kliewer, Bastian Amberg and Boris Amberg	
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22 July 2009 (We	dnesday)	Abstract
	Session D4: Heuristics I (Picasso Room B)	
	Session Chair: Seungjae Lee	
10:45 - 11:10	Global Solution Algorithms for a transit route design (MS-17)	p. 78

	Session Chair: Seungjae Lee			
10:45 – 11:10	Global Solution Algorithms for a transit route design (MS-17)	p. 78		
	Seungjae Lee and Jonghak Han			
11:10 - 11:35	Algorithmic Approaches to the Capacitated Delay Management	p. 79		
	Problem (MS-44)			
	Michael Schachtebeck			
11:35 – 12:00	A Stochastic Multiple Area Approach for Public Transport Network	p. 80		
	Design (MS-79)			
	Bernhard Alt and Ulrich Weidmann			
12:00 – 13:30	Conference Lunch			
12.00 – 13.30	Academy Room, 1/F			
	Session E1: Bus Operations II (Picasso Room)			
	Session Chair: C.O. Tong			
13:30 – 13:55	Exploring user behavior on the TransJakarta Busway using the	p. 81		
	stated preference method (MS-16)			
	Tri Basuki Joewono, Adi Prasetio Raharjo and Almeida Andes Sudrajat			
13:55 – 14:20	An Analysis of Efficiency of the Seoul's Exclusive Bus Routes using	p. 82		
	Data Envelopment Analysis (MS-38)			
	Jin-Seok Hahn, Hye-Ran Kim and Seung-young Kho			
14:20 - 14:45	Study of the impact of exclusive bus lane under highly	p. 83		
	heterogeneous traffic condition (MS-84)			
	V. Thamizh Arasan and P. Vedagiri			
	Session E2: Transit Assignment II (Monet Room A)			
	Session Chair: Fumitaka Kurauchi			
13:30 – 13:55	Frequency-based assignment with consideration of seat availability	p. 84		
	(MS-80)			
	Jan-Dirk Schmöecker, Michael G.H. Bell, Fumitaka Kurauchi and			
	Hiroshi Shimamoto			
13:55 – 14:20	The Multi-Class Schedule-Based Transit Assignment Model in	p. 85		
	Network with Uncertainties (MS-93)			
	Yuqing Zhang, William H.K. Lam, Agachai Sumalee, Hong K. Lo and			
14.20 14.45	C.O. Tong	n 0C		
14:20 – 14:45	An Approach for Integrated Dynamic Transit and Traffic Simulation	p. 86		
	and Assignment (MS-123)			
	Mark Hickman and Yi-Chang Chiu			
	Sassian E2: Craw Schaduling II (Manat Poom P)			
	Session E3: Crew Scheduling II (Monet Room B)			
13·30 – 12·55	Session Chair: Raymond Kwan	n 87		
13:30 - 13:55	Session Chair: Raymond Kwan Passengers' Satisfaction, Driver and Bus Scheduling: The Case of	p. 87		
13:30 – 13:55	Session Chair: Raymond Kwan Passengers' Satisfaction, Driver and Bus Scheduling: The Case of Lagos Metropolis Bus Rapid Transit (BRT) Scheme(MS-121)	p. 87		
	Passengers' Satisfaction, Driver and Bus Scheduling: The Case of Lagos Metropolis Bus Rapid Transit (BRT) Scheme(MS-121) Kayode Oyesiku, Femi Odufuwa and Bambo Somuyiwa	·		
13:30 – 13:55 13:55 – 14:20	Passengers' Satisfaction, Driver and Bus Scheduling: The Case of Lagos Metropolis Bus Rapid Transit (BRT) Scheme(MS-121) Kayode Oyesiku, Femi Odufuwa and Bambo Somuyiwa Case studies of TrainTRACS under contrasting train crew scheduling	p. 87 p. 88		
	Passengers' Satisfaction, Driver and Bus Scheduling: The Case of Lagos Metropolis Bus Rapid Transit (BRT) Scheme(MS-121) Kayode Oyesiku, Femi Odufuwa and Bambo Somuyiwa	·		

22 July 2009 (We	ednesday)	Abstract		
14:20 – 14:45	Socially acceptable annual holiday planning for the crew of a local public transport company in Germany (MS-136) Sigrun Dewess	p. 89		
Session E4: Heuristics II (Picasso Room B) Session Chair: Agachai Sumalee				
13:30 – 13:55	The Bus Bridging Problem in Metro Operations: Models and Algorithms (MS-43) Konstantinos L. Kepaptsoglou and Matthew G. Karlaftis	p. 90		
13:55 – 14:20	A Branch-and-Price-and-Cut Framework For Crew Pairing Optimization (MS-85) Viktor Dück, Franz Wesselmann and Leena Suhl	p. 91		
14:20 – 14:45	Column Generation with Dual Inequalities for Railway Crew Scheduling Problems (MS-134) Tatsushi Nishi, Yuki Muroi and Masahiro Inuiguchi	p. 92		
14:45 – 15:15	Coffee Break Pre-Function Area			
	Session F1: Suburban/ Rural Transit (Picasso Room A)			
	Session Chair: Rabi G. Mishalani			
15:15 – 15:40	Public Transport for weak demand areas (MS-6) Timo Bertocchi and Uwe E. Köehler	p. 93		
15:40 – 16:05	Arrival Time Prediction Model for Regional Bus Transit (MS-51) Andrew Chun Kit Wong, Amer Shalaby and Baher Abdulhai	p. 94		
16:05 – 16:30	The rapid transit routing problem (MS-75) Angel Marin and Luis Cadarso	p. 95		
Session F2: Pricing (Monet Room A) Session Chair: Stefan Voss				
15:15 – 15:40	Research on Pricing Theory and Method of Public Transport Basing on Cost-Benefit Analysis (MS-90) Xuemei Zhou, Xianzhun Zhang and Xiaoguang Yang	p. 96		
15:40 – 16:05	Pareto-Improving Congestion Pricing on Multimodal Transportation Networks (MS-122) Di Wu, Yafeng Yin and Siriphong Lawphongpanich	p. 97		
16:05 – 16:30	Road Pricing: Implications for Public Transport (MS-124) Theodore Tsekeris and Stefan Voss	p. 98		
Session F3: Information Technology in Transport (Monet Room B) Session Chair: Joachim R. Daduna				
15:15 – 15:40	Pre-design method for advanced public transport systems (MS-21) Adriano Alessandrini, Francesco Filippi, Daniele Stam and Antonino Tripodi	p. 99		
15:40 – 16:05	Log Analysis of Web Site for Railway Route Search (MS-74) Shintaro Terabe, Kosuke Jyuri and Hisao Uchiyama	p. 100		
16:05 – 16:30	Dynamic Passenger Information: An International Comparison (MS-120) Joachim R. Daduna, Eric Schütze and Stefan Voss	p. 101		

22 July 2009 (Wednesday)

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July 005 (II C		, 1.001.001		
Session F4: Heuristics III (Picasso Room B)				
Session Chair: K.I. Wong				
15:15 - 15:40	A new Algorithm for Scheduling Flex-Route Transit Services in a	p. 102		
	Constraint Programming Environment (MS-89)			
	Baha W. Alshalalfah and Amer S. Shalaby			
15:40 - 16:05	Local search heuristics for the train timetabling problem (MS-103)	p. 103		
	Sebastian G. Klabes and Kai Bollue			
16:05 – 16:30	Genetic and local search algorithms for train crew rostering (MS-	p. 104		
	127)			
	Mantas Gudynas and Raymond S.K. Kwan			
Closing Ceremony				
Picasso Room				
16:30 – 17:00	Closing Address			
•	•			