

AUSTRALASIAN TRANSPORT RESEARCH FORUM, Adelaide, 28-30 September, 2011

Version Date: 06-09-2011					
Start Time	Room 1		Room 2	Room 3	Room 4
DAY 1					
900	Introduction				
905	Welcome: The Hon. Tom Kenyon M.P. <i>Minister for Road Safety, Government of South Australia</i>				
	Plenary: Strategic Transport Research and Technology in Australia - Process and Priorities				
920	Lyn O'Connell, <i>Deputy Secretary, Department of Infrastructure and Transport, Australian Government</i>				
1000	Parallel Sessions 1				
	Topic	1.1 Public Transport - Strategy	1.2 Modelling - Car Ownership	1.3 Travel Behaviour - Household Travel Surveys	1.4 Infrastructure - Pedestrian
		Mass media and mass transit: a newspaper's campaign on public transport planning in Sydney <i>Daniels, Gordon and Mulley</i>	Forecasting car ownership in the Sydney area <i>Tsang, Daly and Milthorpe</i>	National household travel surveys: the case for Australia <i>Stopher, Zhang, Armoogum and Madre</i>	Exploration of design solutions for the enhancement of crowd safety <i>Shiwakoti, Sarvi and Rose</i>
		University U-Pass programs: projecting potential quantitative impacts at UWA <i>Bleechmore, Giles-Corti, French and Olaru</i>	The role of attitudes and public transport service on vehicle ownership in Ho Chi Minh, Vietnam <i>Ho and Yamamoto</i>	Travel surveys - review of international survey methods <i>Inbakaran and Kroen</i>	Influencing factors for developing underground pedestrian systems in cities <i>Cui, Allan and Lin</i>
1100	Morning tea				
1130	Parallel Sessions 2				
	Topic	2.1 Public Transport - Infrastructure Review	2.2 Modelling - Advancements in Strategic Models	2.3 Travel Behaviour - Travel Patterns	2.4 Infrastructure - Asset Planning and Management
		Reviewing the last decade of public transport infrastructure projects in Australasia <i>Martin</i>	An economic basis for projecting land use development <i>Kidd and Davidson</i>	Surveying Sydney rail commuters' willingness to change travel time <i>Henn, Douglas and Sloan</i>	Sustainable asset management: culture, ecology and transport <i>Reller</i>
		Evolving Futures for Australia and International Passenger Rail <i>Hale</i>	Extending the Sydney Strategic Travel Model to represent toll road and Park-and-Ride choices <i>Fox, Daly, Patruni and Milthorpe</i>	30 years of travel in Melbourne: 1978/79 and 2007/08 <i>McGeoch</i>	Planning an electric vehicle battery-switch network for Australia <i>McPherson, Richardson, McLennan and Zippel</i>
		Urban rail infrastructure - the path from comprehensive transport plans to the recent experience <i>Norley</i>	Representing weather in travel behaviour studies: a case study from Sydney, AUS <i>Clifton, Chen and Cutter</i>	Long distance commuters in Australia: A socio-economic and demographic profile <i>de Silva, Johnson and Wade</i>	Proposal of a methodology for bridge condition assessment <i>Rashidi and Gibson</i>
1300	Lunch				
1350	Parallel Sessions 3				
	Topic	3.1 Public Transport - Access	3.2 Modelling - Issues	3.3 Travel Behaviour - Travel Change Strategies	3.4 Traffic Management - General
		An architect's view of the station user experience <i>Maher and Skinner</i>	Modelling toll roads - where have we gone wrong? <i>Davidson</i>	Understanding sustained behaviour change by focusing on "what's in it for me?" <i>Howard, Halling and Farrell</i>	High occupancy vehicle lane enforcement: a successful trial in Brisbane by adding a splash of magenta <i>Lyndon, Marinelli, Macintosh and McKenzie</i>
		Towards a more accessible tram system in Melbourne - challenges for infrastructure design <i>Macdonald and Coxon</i>	Issues and concerns of microscopic calibration process at different network levels: case study of Pacific Motorway, Brisbane <i>Rahman, Bevrani and Chung</i>	Travel Coaching: Commuter evaluations of behaviour change dialogue sessions <i>Koth</i>	Improving traffic systems strategy and operations using a capability maturity approach <i>Charles, Ferreira and Galiza</i>
		Mixed land use index and public transport catchments <i>Inbakaran and Howes</i>	What are we counting? Getting inputs correct to improve traffic modelling outcomes <i>Zito, Tat and Tamhane</i>	Analysis of a financial incentive to encourage safer driving practices <i>Greaves</i>	The SCATS and the environment study: introduction and preliminary results <i>Chong-White, Millar, Johnson and Shaw</i>
		Station access and the modern transit system <i>Hale</i>	Time and space travel by Brisbanites during road space restrictions: are people smarter than traffic models? <i>Davies and Marinelli</i>	Paradigm shifts in transport: scepticism, denial, frustration and (eventually?) implementation in relation to travel behaviour change <i>Ker</i>	Examination of traffic incident records and development of a rapid incident response plan <i>Kabit, Charles, Ferreira and Tavassoli</i>
1540	Afternoon tea				
1600	Parallel Sessions 4				
	Topic	4.1 Public Transport - Rail Infrastructure Planning and Implementation	4.2 Modelling - Alternative Approaches	4.3 Travel Behaviour - Sustainable Mode Choice For Work Travel	4.4 Traffic Management - Intelligent Transport Systems
		Central city railway capacity - making better use of existing infrastructure <i>Norley</i>	New advancements in activity-based models <i>Davidson, Vovsha and Freedman</i>	Spatial distribution of the journey to work by sustainable modes in Australian cities <i>Stone and Mees</i>	Variable speed limits: conceptual design for Queensland practice <i>Jiang, Chung and Lee</i>
		Potential reduction in energy use from a high speed rail network in Australia <i>Laird</i>	A new approach to transport modelling - the Stochastic Segmented Slice Simulation (4S) Model and its recent applications <i>Davidson</i>	An empirical assessment of teleworking using the Sydney Household Travel Survey data <i>Corpuz</i>	An overview of in-vehicle route guidance system <i>Dong</i>
		The future inner Sydney light rail network <i>Brooker and Uddin</i>	Forecasting origin-destination matrices by using neural network approach: a comparison of testing performance between back propagation, variable learning rate and levenberg-marquardt algorithms <i>Yaldi, Taylor and Yue</i>	Workin' it - making smarter travel at work smarter! <i>Halling, Mayes and Howard</i>	Towards cooperative traffic management: methodological issues and perspectives <i>Monteil, Billot, El Faouzi</i>
1730	Welcome drinks: Hilton Adelaide				
1830	End Day 1				

DAY 3

	Parallel Sessions 9				
	Topic	9.1 Public Transport - Usage	9.2 Modelling - Data Collection Methods and Technology	9.3 Social Inclusion A	9.4 Sustainability - Carbon Reduction Strategies and Evaluation
		Long-term patterns of Australian public transport use <i>Cosgrove</i>	Arterial traffic congestion analysis using Bluetooth duration data <i>Tsubota, Bhaskar, Chung and Billot</i>	Understanding variations in travel time to access key activities for accessibility planning <i>Daniels and Mulley</i>	Personal carbon budgets for transport <i>Glover</i>
		The public transport usage of two Melbournes <i>Lagura, Norman, Richmond and Watling</i>	Estimating personal physical activity from transport <i>Thompson and Kayak</i>	Investigating the relationships between travel patterns and social exclusion of children in Sydney <i>Lightfoot and Johnson</i>	Ecodriving: Insight from a real world fleet-based trial <i>Symmons, Rose, Rorke and Watkins</i>
		Difference in public transport provision and usage in thirteen Australia, American, Canadian and European cities between 1995/6 to 2005/6 and their implications for more sustainable transport <i>Kenworthy and Inbakaran</i>	Exploring stop-line traffic flows at signalised intersections in the Adelaide CBD <i>Suksri, Taylor and Yue</i>	Exploring mobility of older people: a case study of Adelaide <i>Truong and Somenahalli</i>	Evaluating effects of eco-driving at traffic intersections based on traffic micro-simulation <i>Qian and Chung</i>
1030	Parallel Sessions 10				
1100	Topic	10.1 Public Transport - Travel Patterns	10.2 Modelling - Safety	10.3 Social Inclusion B	10.4 Sustainability - Cycling Infrastructure
		Detailed analysis of the travel patterns of rail users in Sydney <i>Xu, Milthorpe and Tsang</i>	Queue protection parameters' fine-tuning for variable speed limits <i>Bevrani, Rahman and Chung</i>	Community transport in NSW - broadening the horizon <i>Battellino and McClain</i>	Prioritising cycle infrastructure projects <i>Raith, Nataraj, Ehrgott, Miller and Pauw</i>
		Time Cost Measurement of travel in Sydney and implications for public transport patronage potential <i>Emerson and Parolin</i>	An analysis of traffic incidents on an Australian urban road network <i>Hojati, Charles, Ferreira and Kabit</i>	Planning for society and community: are transport problems a barrier to participation in community activities? <i>Johnson, Currie and Stanley</i>	Optimal design of bike lane facilities in an urban network <i>Mesbah and Thompson</i>
		Modelling the causes and consequences of perceptions of personal safety on public transport ridership <i>Delbosc and Currie</i>	Car following model improvement for traffic safety metrics reproduction <i>Bevrani and Chung</i>	Monitoring community views on transport confidence over time: the quarterly Transport Opinion Survey (TOPS) <i>Hensher and Daniels</i>	Valuing cycling - evaluating the economic benefits of providing dedicated cycleways at a strategic network level <i>Yi, Feeney, Garcia, Chandra and Adams</i>
1230	Parallel Sessions 11				
1330	Topic	11.1 Public Transport - Behavioural Characteristics	11.2 Modelling - Traffic	11.3 Evaluation of Transport Systems and Interfaces	11.4 Sustainability - Vehicles
		Cash or prepay: understanding passenger choice for different products <i>Graham and Mulley</i>	The evolution of the SCATS and the environment study <i>Chong-White, Millar, Johnson and Shaw</i>	Reviewing the performance of the Australian land transport sector against its counterparts in Canada, New Zealand and the USA <i>Odgers</i>	PUUNK my ride: development of the Personalised User-generated Upcycled N-configurable Kit velomobile <i>Richardson</i>
		I can sit but I'd rather stand: commuter's experience of crowdedness and fellow passenger behaviour in carriages on Australian metropolitan trains <i>Hirsch and Thompson</i>	Examining vehicle interactions during a vehicle-following manoeuvre <i>Aghabayk, Young, Sarvi and Wang</i>	Public transport as a common pool resource <i>Glover</i>	Designing vehicles for natural production: growing a velomobile from bamboo <i>Vittouris and Richardson</i>
		Investigating the effects of different types of travel information on traveller's learning in a public transport setting using an experimental approach <i>Fai Poon and Stopher</i>	Modelling freeway weaving manoeuvre <i>Sarvi</i>	Towards a code of best practice for evaluating air traffic control interfaces <i>Abbass, Mount, Tuček and Pinheiro</i>	In Europe 250 watt Pedelecs reduce pollution and improve the safety and mobility of young and elderly riders <i>Parker</i>
1500		Prizes, handover to next year's host			
1530		Close			

ATRF11 ADELAIDE 28-30 Sept 2011

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DAY 1					
900		Introduction			
905		Welcome: Minister Kenyon			
920		Plenary: Lyn O'Connell, Australian Government, Department of Infrastructure and Transport			
		Chair: Peter Tisato			
1000		Parallel Sessions 1			
	Topic	1.1 Public Transport - Strategy	1.2 Modelling - Car Ownership	1.3 Travel Behaviour - Household Travel Surveys	1.4 Infrastructure - Pedestrian
1130		Parallel Sessions 2			
	Topic	2.1 Public Transport - Infrastructure Review	2.2 Modelling - Advancements in Strategic Models	2.3 Travel behaviour - Travel Patterns	2.4 Infrastructure - Asset Planning and Management
1350		Parallel Sessions 3			
	Topic	3.1 Public Transport - Access	3.2 Modelling - Issues	3.3 Travel Behaviour - Travel Change Strategies	3.4 Traffic Management - General
1600		Parallel Sessions 4			
	Topic	4.1 Public Transport - Rail Infrastructure Planning and Implementation	4.2 Modelling - Alternative Approaches	4.3 Travel Behaviour - Sustainable Mode Choice For Work Travel	4.4 Traffic Management - Intelligent Transport Systems
1730		Welcome drinks: Hilton Adelaide			
		Sponsor: TBA			
1830		End Day 1			
DAY 2					
900		Plenary: Stefan Hajkowicz, CSIRO			
		Chair: TBA			
1000		Parallel Sessions 5			
	Topic	5.1 Public Transport - Land-use Planning	5.2 Modelling - Vehicle Kilometres Travelled	5.3 Transport Economics - Evaluation of Costs and Benefits	5.4 Freight - Road
1130		Parallel Sessions 6			
	Topic	6.1 Public Transport - Service Contracting and Design	6.2 Modelling - Public Transport	6.3 Transport Economics - Pricing Strategies	6.4 Freight - Ports
1350		Parallel Sessions 7			
	Topic	7.1 Public Transport - Rolling Stock	7.2 Modelling - Network Performance	7.3 Transport Economics - Economics and Investment	7.4 Road Safety - Road
1600		Parallel Sessions 8			
	Topic	8.1 Public Transport - Transit Oriented Developments	8.2 Modelling - Traffic Simulation Standards	8.3 Transport Economics - Evaluation and Finance of Rail Infrastructure	8.4 Road Safety - Vehicles
1730		End Day 2			
1900		Conference dinner: Intercontinental Adelaide			
		Sponsor: ACCARNSI			
DAY 3					
900		Parallel Sessions 9			
	Topic	9.1 Public Transport - Usage	9.3 Modelling - Data Collection Methods and Technology	9.3 Social Inclusion A	9.4 Sustainability - Carbon Reduction Strategies for Transport
1100		Parallel Sessions 10			
	Topic	10.1 Public Transport - Travel Patterns	10.2 Modelling - Safety	10.3 Social Inclusion B	10.4 Sustainability - Cycling Infrastructure
1330		Parallel Sessions 11			
	Topic	11.1 Public Transport - Behavioural Characteristics	11.2 Modelling - Traffic	11.3 Evaluation of Transport Systems and Interfaces	11.4 Sustainability - Vehicles
1500		Prizes, handover to next year's host			
1530		Close			

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94	University U-Pass programs: projecting potential quantitative impacts	University U-Pass programs: projecting potential quantitative impacts at UWA	Bleechmore Giles-Corti, French and Olaru	Regan Bleechmore, Billie Giles-Corti, Sarah French, Doina Olaru
183	Reviewing the last decade of public transport infrastructure projects in Australasia	Reviewing the last decade of public transport infrastructure projects in Australasia	Martin	Scott Martin
114	Evolving Futures for Australia and International Passenger Rail	Evolving Futures for Australian and International Passenger Rail	Hale	Chris Hale
123	Urban rail infrastructure - the path from comprehensive transport plans to recent experience	Urban rail infrastructure - the path from comprehensive transport plans to the recent experience	Norley	Kym Norley
213	An architect's view of the station user experience	An architect's view of the station user experience	Maier and Skinner	Ray Maier, Peter Skinner
157	Towards a more accessible tram system in Melbourne - challenges for infrastructure design	Towards a More Accessible Tram System in Melbourne - challenges for infrastructure design	Macdonald, Coxon and De Bono	Andrea Macdonald, Selby Coxon
105	Mixed land use index and public transport corridors in Melbourne	Mixed land use index and public transport catchments		Christina Inbakaran, Kristie Howes
115	Station access and the modern transit system	Station access and the modern transit system		Chris Hale
118	Central city railway capacity - making better use of existing infrastructure	Central city railway capacity - making better use of existing infrastructure<i></i>		Kym Norley
20	Reduction in energy use from a high speed rail network in Australia	Potential reduction in energy use from a High Speed Rail network in Australia		Philip Laird
24	The Inner Sydney Light Rail Network Extensions	The Future Inner Sydney Light Rail Network		Tim Brooker, Abdullah Uddin
5	Exploring the role of public transport in supporting agglomeration economies and centres	Exploring the role of public transport in agglomeration economies and centres		Rhonda Daniels, Corinne Mulley
103	The influence of the built environment on mode choice - evidence from the journey to work in Sydney	The influence of the built environment on mode choice - evidence from the journey to work in Sydney		Matthew McKibbin
117	Optimal contracting and incentives for public transport in Sydney: what has been learned from the Sydney Metro experience?	Optimal contracting and incentives for public transport in Sydney: what has been learned from the Sydney Metro experience?		Rhonda Daniels, Cameron Gordon, Corinne Mulley, Nick Stevens
12	Bus service reform in Melbourne - the last 5 years	Bus service reform in Melbourne - the last 5 years		Peter Parker
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7	An examination of three approaches to metro rolling stock design to ameliorate extended dwell times due to passenger growth and associated crowding	An examination of three approaches to metro rolling stock design to ameliorate extended dwell times due to passenger growth and associated crowding		Selby Coxon, Karen Burns, Arthur De Bono, Robbie Napper
252	Positioning needs for public transport	Positioning needs for public transport		Nicola Mosca, Rocco Zito
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138	Energy-efficient recovery in a passenger rail network	Energy-efficient recovery of delays in a rail network		Amie Albrecht, Jaap Koelewijn, Peter Pudney
188	Land use planning and its role in transforming the Adelaide-Gawler line into a transit corridor of connected TODs	LAND USE PLANNING AND ITS ROLE IN TRANSFORMING THE ADELAIDE-GAWLER LINE INTO A TRANSIT CORRIDOR OF CONNECTED TODs		Andrew Allan
65	Increasing the patronage of Adelaide's northern rail corridor	Increasing the Patronage of Adelaide's Northern Rail Corridor		Li Meng, Nicholas Holyoak, Michael Taylor
75	Geo-spatial analysis of activity spaces in a TOD environment - Tracking impacts of rail transport policy using kernel density estimation	Geo-spatial analysis of Activity Spaces in a TOD environment - Tracking impacts of rail transport policy using kernel density estimation		Markus Botte, Doina Olaru
30	Long-term patterns of Australian public transport use	Long-term Patterns of Australian Public Transport Use		David Cosgrove
179	The public transport usage of two Melbournes	The Public Transport Usage of Two Melbournes		Erwin Lagura, Philip Norman, Mike Richmond, Richard Watling
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195	Ho and Yamamoto	Detailed land use projections - a new land-use/transport model based on supply-side constraints, accessibility and developer profitability		Paul Kidd, Peter Davidson
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	Monitoring community views on transport confidence over time: the quarterly Transport Opinion Survey (TOPS)	Monitoring community views on transport confidence over time: the quarterly Transport Opinion Survey (TOPS)		David Hensher, Rhonda Daniels
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	Reviewing the performance of the Australian transport sector against its counterparts in Canada, New Zealand and the USA	Reviewing the performance of the Australian land transport sector against its counterparts in Canada, New Zealand and the USA		John Odgers
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