



CONFERENCE
PROGRAMME
IPENZ
TRANSPORTATION
GROUP 2011
CONFERENCE



IPENZ TRANSPORTATION
GROUP 2011 CONFERENCE

**MOVING
TOWARDS
PROSPERITY**

PULLMAN AUCKLAND
AUCKLAND
27-30 MARCH 2011

Harding Consultants
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Programme

As at 24 March 2011

Sunday 27 March 2011

12:00 INFORMATION DESK OPENS

13:00 TECHNICAL TOURS DEPART

Eden Park Rugby Stadium

Visit Eden Park Rugby Stadium via Kingsland Railway Station, accompanied by Auckland Council's Rugby World Cup Transport Project Director.

Traffic Control Centre

Visit the Traffic Control Centre at Smales Farm (including the bus station, if time).

16:00 Technical Tours return to the Hyatt

17:30 Transport departs for Welcome Function

18:30 WELCOME FUNCTION - THE WHARF

21:30 EVENING CONCLUDES



Monday 28 March 2011

08:00	INFORMATION DESK OPENS	Arrival Tea and Coffee
08:45	Daniel Newcombe IPENZ Transportation Group	Housekeeping and Welcome
09:00	Mayor Len Brown Auckland Mayor	Welcome to Auckland
09:30	Keith Hall CH2M HILL	Growing Pains: The Future of Public Transport and Integrated Land Use Planning in Toronto's Political Landscape
10:00	Session A	Economic Efficiencies
10:00	Grant Daniel; David Loe; Mark Johnson Aurecon, HEB Construction Ltd, NZTA	SH18/SH16 Hobsonville Deviation – A design and construct case study.
10:30	Urie Bezuidenhout Da Vinci	The Influence of a New Signal Offset Optimiser on Travel Reliability
10:45	Mike Tottman; David Scarlet MWH, NZTA	Secrets to Developing a Successful Package of Projects
11:00	MORNING TEA	Sponsored by: 
11:30	Stephen Town NZTA	Building a Better Transport System
12:10	Session B	Economic Efficiencies
12:10	Andy Milne Abley Transportation	Measuring the Macro Effects of Major Retail Developments
12:35	Amanda Douglas Wynn Williams	Don't Take the Shortcut to RMA Prosecution
13:00– 13:10	Tim Crabtree 3i Innovation	
13:00	LUNCH	Sponsored by: 
14:00	Session C	Poster Boards
1	Clifford Chai Christchurch City Council	The Effectiveness of Traffic Calming Pinch-Points
2	Paul Durdin Abley Transportation	Managing stakeholder preconceptions - the importance of accurate transport data
3	John Lieswyn ViaStrada	Automatic Cycle Counting Programme Development in Hamilton
4	Andy Lightowler Beca	Assessing the Value of Bus Priority for Hamilton's CBD
5	Andrew Macbeth ViaStrada	Separated Bicycle Facilities in Christchurch
6	Cormac McBride Traffic Design Group	Display of Travel Times on Variable Message Signs - Literature Review
7	Jonathan Slason Beca	The compelling economics for getting bicycles on public transport
14:45	AFTERNOON TEA	Sponsored by:



Monday 28 March 2011 cont.....

15:15 Session D

**15:15 Aut Karndacharuk; Mitch Tse;
Douglas Wilson**
Auckland Transport, University of Auckland

15:40 Mairi Joyce; Todd Langwell
Flow, Traffic Planning Consultants

15:55 Axel Wilke; Susan McLaughlin
ViaStrada, Christchurch City Council

16:20 Steve Abley; Shane Turner; Rohit Singh
Abley Transportation, Beca

16:45 Angus Bargh ;John Kelly
Traffic Design Group Ltd

Shared Spaces

Shared Space Performance Evaluation: Quantitative Analysis of
Pre-Implementation Data

Safety and Shared Spaces

Improving Pedestrian LOS at Signalised Central City Intersections

Predicting Walkability

Hastings Model Community

17:10 AGM

IPENZ Transportation Group

17:30 HAPPY HOUR

Sponsored by:





Tuesday 29 March 2011

08:00	INFORMATION DESK OPENS	Arrival Tea and Coffee	
08:30	Prof. Jason Chang ITS Asia Pacific Chairman	Asia Pacific ITS Applications	
09:15	Session E	Safe Systems	
09:15	Rohit Singh; Shane Turner; Gary Nates Beca	Safety At Traffic Signals For Cyclists And Pedestrians	
09:40	Hamish Mackie; Fabian Marsh; Mike Pilgrim TERNZ, NZTA	Do Safe Hit Post Median Treatments Have a Place in NZ?	
10:05	Basil David Daniel; Alan Nicholson; Glen Koorey University of Canterbury	Investigating Speed Patterns And Estimating Speed on Traffic Calmed Streets	
10:30	Daniel Newcombe; Douglas Wilson Auckland Transport, University of Auckland	Cycle and Motorcycle Crash Trends in Auckland City Bus Lane Routes	
10:45	MORNING TEA	Sponsored by:	
11:15	Session F	Safe Systems	
11:15	Ross Harper; Joshua Aldridge; Douglas Wilson University of Auckland	Motorway Crash Analysis Using GIS	
11:40	Rabia Zafar; Douglas Wilson University of Auckland	Motorway Crashes and Traffic Flow Conditions	
12:05	Peter Baas TERNZ	School Bus Safety	
12:30	Bridget Burdett ; Gerri Pomeroy Beca, CCS Disability Action Hamilton	Disabled Road Users	
13:00-13:10	Phil Allen GeoSmart		
13:00	LUNCH	Sponsored by:	
14:00	Session G	Poster Boards	
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Tuesday 29 March 2011 cont.....

14:45 Session H

14:45 Phil Stewart; Laurence Fear
Auckland Motorway Alliance

**15:00 Peter Hollingsworth; Trevor Davie;
Gordon Saggars; Stuart Collins;
Stephen Harris**
Metservice

15:15 Paul Durdin; Kurt Janssen
Abley Consultants

**15:30 Fergus Tate; Gina Waibi; Ian Robertson;
Colin Brodie, Mike Noon**

3M Finalist Presentations

ATMS Motorway Off Ramp Wrong Way Detection and Prevention System

New Zealand Road Weather Project

Improving the identification of intersections for investigation and intervention

The development of a proactive road safety assessment tool – KiwiRAP, Star Ratings and KAT

15:45 AFTERNOON TEA

Sponsored by:

16:15 Session I

Innovations

16:15 Russell Turnbull
Parsons Brinckerhoff

Engaging For Success

16:30 Grant Smith; James Bevan
Gabites Porter, Latitude Planning

The Waikato Regional Transportation Model

16:55 Phil Harrison
Opus International

Panmure - The Evolution of an Interchange

17:20 Day concludes

19:00 CONFERENCE DINNER

St Matthews in the City



Wednesday 30 March 2011

08:00	INFORMATION DESK OPENS	Arrival Tea and Coffee
08:45	Session J	Transport Infrastructure
08:45	Prakash Ramasubramaniam; Douglas Wilson; David Hutchison University of Auckland, Downer NZ	Analysing Safety and Geometric Elements
09:00	Hussein Dia AECOM	Evaluation of the Impacts of ITS Using Traffic Simulation
09:25	Darren Cash; Malcolm McDonald Resolve Group, Fletcher Construction	New Lynn Rail Trench
09:50	Jeremy O'Brien; Gez Johns; Pauline Nobbs Beca, NGANewmarket	Newmarket
10:05	Glen Koorey University of Canterbury	Implementing Lower Speeds in NZ
10:30	MORNING TEA	Sponsored by: 
11:00	Session K	Auckland Motorways
11:00	Doris Stroh Auckland Motorway Alliance – Beca	AMADEUS – Road Operations Control System
	Doris Stroh Auckland Motorway Alliance – Beca	Benefits of Temporary Linemarking
11:25	Hanford Cheung; Ngan Truong Auckland Motorway Alliance	Detection of Incidents using Vehicle Detection Station Data
11:50	Anita Lin; Hanford Cheung Auckland Motorway Alliance	Auckland Motorways – Network Performance Monitoring
12:15	Jerry Khoo; Andrew Stevens Beca, Auckland Motorway Alliance	Motorcycle Safety on Auckland Motorways
12:30–12:40	Jim Williams Avery Dennison	
12:30	LUNCH	Sponsored by:
13:30	Session L	Other
13:30	Duncan Campbell; Ivan Jurisich; Roger Dunn Auckland Transport, Traffic Engineering Solutions, University of Auckland	Improved Multi Lane Roundabouts
13:55	Scott Ney; Warren Murphy Parsons Brinckerhoff, TPi Ltd	Traffic and Trams - The Edinburgh Experience
14:20	Stacy Rendall Abley	Energy Footprint
14:45	Jeanette Ward; Ken Stevenson; Rob Kerr ViaStrada, Waimakariri District Council, Kerr and Partners	Rebuilding the streets of Kaiapoi after the Canterbury Earthquake
15:10	AFTERNOON TEA	Sponsored by:
15:30	Awards	
16:00	Rob Fyfe Air New Zealand	Key Note Presentation
16:30	Daniel Newcombe IPENZ Transportation Group	Close of Conference