

# Making Connectionz

People. Places. Products



IPENZ Transportation Conference 14 - 17 March, 2010 - Christchurch



# Programme

**Harding Consultants:** Web: [www.hardingconsultants.co.nz/ipenz2010](http://www.hardingconsultants.co.nz/ipenz2010) Email: [glenda@hardingconsultants.co.nz](mailto:glenda@hardingconsultants.co.nz)  
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## Programme

As at 1 March 2010

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### Sunday 14 March 2010

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**NOON INFORMATION DESK OPENS**

The information desk will close at 6pm

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**13:00 TECHNICAL TOURS**

**13:00** Buses depart from Christchurch Town Hall, Kilmore Street.

North to Pegasus  
Northwest to the Airport and CAPTIF  
*(At the conclusion of the tour the bus will call past the Town Hall for delegates wishing to attend the Port Tour)*

**15:30** Buses depart from Christchurch Town Hall, Kilmore Street.

Pick up for all those that wish to attend the Port Tour  
*(At the conclusion of the tour you will be dropped to the Lyttelton Tug Boat)*

**16:00 PORT TOUR COMMENCES**

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**WELCOME FUNCTION**

Sponsored by:



**MWH**

**BUILDING A BETTER WORLD**

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**16:30** Last bus departs the Town Hall for Lyttelton Tug Boat

**17:00** Tug Boat Departs

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**18:00 INFORMATION DESK CLOSES**

**18:15** Return to Shore

**18:30** Stroll up to Harbour Light for Welcome Function

**19:45** Dinner Served

**21:30** First bus departs Harbour Light

**22:00** Second bus departs Harbour Light

**22:30** Last bus departs Harbour Light

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**EVENING CONCLUDES**

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**Monday 15 March 2010**

<b>07:30</b>	<b>INFORMATION DESK OPENS</b>	Arrival Tea and Coffee
<b>08:15</b>	<b>Michelle A'Court</b> MC	Housekeeping
<b>08:30</b>	<b>Bruce Conaghan</b> IPENZ Transportation Chairperson	Welcome & Introductions
<b>08:35</b>	<b>Sue Wells</b> Christchurch City Council	<b>Welcome to Christchurch</b>
<b>08:45</b>	<b>Session A</b>	<b>Products</b>
<b>08:45</b>	<b>Simon Ginn</b> Christchurch City Council	Is New Zealand Ready for Light Rail - What is needed in terms of Patronage, Density & Urban form?
<b>09:15</b>	<b>Kieran Helm</b> ONTRACK	Improving Safety at Level Crossings.
<b>09:30</b>	<b>Lyndon Hammond</b> NZ Transport Agency	NZ Transport Agency Updates
<b>09:45</b>	<b>James Hughes</b> NZ Transport Agency	New Austroads Guide
<b>10:00</b>	<b>MORNING TEA</b>	Sponsored by: 
<b>10:30</b>	<b>Session B</b>	<b>People</b>
<b>10:30</b>	<b>Greg McBain; Jason Ackroyd</b> Downer EDI Works (ITS)	Development of Frontline Staff to achieve fundamental Traffic Services Objective
<b>11:00</b>	<b>Tim Cheesebrough</b> MWH New Zealand	The Role of Effective Partnership Building in Achieving Improved Casualty Reduction Performance - A United Kingdom Local Authority Perspective
<b>11:30</b>	<b>POSTER SESSION</b>	Boaters Room – Ground Floor <b>(see the sheets at the end of the programme for poster presenters)</b>
<b>12:30</b>	<b>LUNCH</b>	Sponsored by: 
<b>13:30</b>	<b>Session C</b>	<b>Places</b>
<b>13:30</b>	<b>Julian Laufer; Nick Fellows</b> PTV Asia-Pacific	Special event planning and management: Micro operations in the macro landscape. A case study of the Singapore Grand Prix.
<b>14:00</b>	<b>Paul Durdin</b> Abley Transportation Consultants	Planning Transport Activities for Urban Growth Areas at a Local Level
<b>14:30</b>	<b>Iain Banks</b> MWH New Zealand	Crown Range Zig Zags Upgrade - Linking Communities and keeping our tourists safe in an Alpine Environment
<b>15:00</b>	<b>AFTERNOON TEA</b>	Sponsored by: 
<b>15:30</b>	<b>Session D</b>	<b>People</b>
<b>15:30</b>	<b>Hon. Nathan Guy</b> Associate Minister of Transport	<b>Key Note Presentation</b>
<b>16:00</b>	<b>Terry Church</b> Flow Transportation Specialists	Sylvia Park: The Bigger Picture
<b>16:30</b>	<b>Shane Turner; Rohit Singh; Tracy Allatt</b> Beca Infrastructure	Benefits of New and Improved Pedestrian Facilities
<b>17:00</b>	<b>AGM</b>	
<b>17:45</b>	<b>Sponsors Happy Hour</b>	

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### Tuesday 16 March 2010

<b>08:00</b>	<b>INFORMATION DESK</b>	Arrival Tea and Coffee
<b>08:15</b>	<b>Margo Perpick</b> Wynn Williams & Co	<b>Key Note Presentation on RMA/Law</b>
<b>08:45</b>	<b>Session E</b>	<b>Places</b>
<b>08:45</b>	<b>Will Parker; John Beattie; Louise Robertson</b> Opus International Consultants, Riverstone Holdings	The Fiordland Link Experience, creating transportation opportunities for tourism and recreation by monorail.
<b>09:15</b>	<b>Amanda Douglas</b> Wynn Williams & Co	Implications of Resource Management Act Amendments in the Transportation Area
<b>09:45</b>	<b>Shane Turner; Glen Koorey; Bruce Robinson</b> Beca Infrastructure, University of Canterbury	Transportation Research Board (TRB) Annual Meeting (Conference) 2009 & 2010 – Highlights
<b>10:00</b>	<b>MORNING TEA</b>	Sponsored by:
<b>10:30</b>	<b>Session F</b>	<b>Products</b>
<b>10:30</b>	<b>Andy Carr; Julie Ballantyne</b> Traffic Design Group	The Updated Christchurch Commercial Vehicle Model
<b>11:00</b>	<b>Wayne King</b> Hutt Valley City Council	PUFFIN Pedestrian Crossing - Experience with the 1st NZ Trial
<b>11:20</b>	<b>Bob Gibson; Stanley Chesterfield; Michael Doole</b> NZ Transport Agency	Traffic signs beyond MOTSAM
<b>11:40</b>	<b>Renata Smit; Edwin Swaris</b> Manukau City Council, ARTA	Creating accessible and quality bus stops in Auckland
<b>12:00</b>	<b>Tim Brown; Richard Paling</b> GHD, Richard Paling Consulting	Getting More from Our Roads: Evaluation of Managed Lanes on Arterial Roads (LTNZ Research Project)
<b>12:30</b>	<b>LUNCH</b>	Sponsored by:
<b>13:30</b>	<b>Session G</b>	<b>People</b>
<b>13:30</b>	<b>Dave Wanty</b> MWH NZ	AITPM 2009 Conference & Workshop impressions
<b>13:45</b>	<b>Ivan Jurisich; Deborah Asmus; Duncan Campbell</b> Traffic Engineering Solutions, Waitakere City Council	Evaluation of the C-Roundabout - a new design tool for economically improving safety and capacity at urban road intersections
<b>14:05</b>	<b>Bridget Burdett</b> Beca Infrastructure	Report on Transportation Group-funded Study Tour
<b>14:25</b>	<b>Peter Rose</b> Abley Transportation Consultants	Quantifying the Social and Transportation Impacts of Land Use Change
<b>14:45</b>	<b>Alister Harlow; Andrew Taylor</b> InfraTrain NZ, The NZ Roadmarkers Federation Inc	Recognition of Applied Civil Engineering Skills
<b>15:00</b>	<b>AFTERNOON TEA</b>	Sponsored by:
<b>15:30</b>		<b>3M Presentations</b>
<b>16:30</b>	<b>Malcolm Douglass</b> Douglass Consulting	<b>Key Note Presentation - Integrated Planning</b>
<b>17:00</b>	<b>DAY CONCLUDES</b>	
<b>18:45</b>	<b>Conference Dinner – A Renaissance Evening</b> <b>Christchurch Art Gallery</b>	Sponsored by:

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**Wednesday 17 March 2010**

<b>08:00</b>	<b>INFORMATION DESK</b>	Arrival Tea and Coffee
<b>08:15</b>	<b>Elizabeth Anderson</b> Hyder Consulting	<b>Key Note Presentation</b>
<b>08:45</b>	<b>Session H</b>	<b>People</b>
<b>08:45</b>	<b>Simon Kingham; Jenny Salmond; Ian Longley</b> University of Canterbury, University of Auckland	The impact of choice of transport mode on personal pollution exposure
<b>09:15</b>	<b>Lorelei Schmitt</b> Sinclair Knight Merz	Operation Parking: Managing Hospital Parking Demand without a Cement Transfusion
<b>09:45</b>	<b>Glen Koorey; Alan Nicholson; Roger Dunn</b> University of Canterbury, University of Auckland	Auckland/Canterbury University Transportation Postgraduate Programmes
<b>10:00</b>	<b>MORNING TEA</b>	Sponsored by: 
<b>10:30</b>	<b>Session I</b>	<b>Places</b>
<b>10:30</b>	<b>Ian Appleton; Sam Wilkie; John Hannah</b> NZ Transport Agency, Impact Consulting	Common Findings of Road Infrastructure Safety Assessments (RISAs).
<b>10:50</b>	<b>Andrew McDonald; Alix Newman; Rex Capil Hamish Peacock</b> MWH NZ	Developing Great Cycle Rides for a Prosperous and Sustainable Future
<b>11:10</b>	<b>Sam Roberts</b> Opus International Consultants	Development of a shared space in Auckland
<b>11:25</b>	<b>Alan Kerr; Karen Cheung</b> Beca Infrastructure	Shared Space: Moving towards a People Focus Strategy
<b>11:45</b>	<b>Shaun Hubbard; Tracy Wheeler</b> AECOM, North Shore City Council	Albany Centre: Moving beyond traditional transport planning techniques
<b>12:00</b>	<b>Jeanette Ward; Andrew Mazey</b> ViaStrada, Selwyn District Council	How Plans can contribute to integrated land use and transport – The Selwyn District example
<b>12:30</b>	<b>LUNCH</b>	Sponsored by: 
<b>13:30</b>	<b>Session J</b>	<b>Products</b>
<b>13:30</b>	<b>Alister Harlow</b> The NZ Roadmarkers Federation Inc	NZ Roadmarkers Federation Materials Guide revision
<b>13:50</b>	<b>Steve Abley</b> Abley Transportation Consultants	Merivale Parking Plan – Lessons learnt
<b>14:10</b>	<b>Robyn Gardener; Peter Kortegast</b> NZ Transport Agency, Opus International Consultants	Illuminating safer roads with Electronic signs, NZ first applications
<b>14:40</b>	<b>Mark Apeldoorn</b> Traffic Design Group	Standards Development (NZS 4404 - Subdivision Engineering)
<b>15:00</b>	<b>AFTERNOON TEA</b>	Sponsored by: 
<b>15:30</b>	<b>Nigel Cass</b> RNZ 2011	<b>Key Note Presentation</b> <b>Rugby World Cup – Transport Logistics</b>
<b>16:00</b>	Bruce Conaghan	<b>Awards Announcements</b>
<b>16:30</b>	<b>CONFERENCE CONCLUDES</b>	

## POSTER PRESENTATIONS

- 1 **Author/s: Andrew Macbeth; Brian Horspool; John Lieswyn**  
What Happens When Petrol Goes Up Or Buses Go Down?
- 2 **Author/s: Warren Lloyd; Megan Fowler**  
Determination of Shared Path Widths
- 3 **Author/s: Tim Cheesebrough; Tim Hughes**  
NZTA Walking and Cycling Benchmarking Tool
- 4 **Author/s: Ian Clark**  
NZ Modelling User Group (NZMUGS)
- 5 **Author/s: Andre Dantas; Sonia Giovinazzi; Frederico Ferreira**  
A Diagnosis of State Highway Organisations' Decision-Making during Extreme Emergency Events
- 6 **Author/s: Rebecca Wardell**  
Influences on Transport Policy Makers Perceptions of the Peak Oil Issue
- 7 **Author/s: Douglas Wilson; Birendra Kumar**  
Prediction of Pavement Surface Skid Resistance and the Effect of Smaller Chip Size
- 8 **Author/s: Bronwyn Coomer-Smit**  
Completing the Street: Rethinking How We Design Roads
- 9 **Author/s: Michael Coyle; Chris Kissling**  
Driving to a More Sustainable Future
- 10 **Author/s: Daniel Crosswell**  
The Benefits of Developing a Destination Signage Strategy and Network
- 11 **Author/s: Matthew Ensor; Jonathan Slason; Chris Vallyon**  
Forecasting the Benefits from Integrating Cycling and Public Transport
- 12 **Author/s: Jo Chang**  
How Well Do New Zealand Drivers Understand Variable Message Signs?
- 13 **Author/s: Mike Jackett; Bill Frith**  
Reflection Properties of New Zealand Road Surfaces for Road Lighting Design
- 14 **Author/s: Courtney Groundwater**  
New Urbanism – Is It Really That New?

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- 15 **Author/s: Ellen Mao; Glen Koorey**  
Investigating and Modelling the Effects of Traffic Calming Devices
- 16 **Author/s: Glen Koorey**  
Calibration of Overseas Highway Crash Prediction Models for New Zealand - a Case Study with IHSDM
- 17 **Author/s: Susan McMillan; Glen Koorey; Alan Nicholson**  
Techniques for Using SCATS as an Incident Management Tool
- 18 **Author/s: Bridget Burdett; Alan Nicholson; Glen Koorey**  
Speed Management on Rural Roads
- 19 **Author/s: Mairi Joyce; Roger Dunn**  
A Proposed Methodology for Measuring Public Transport Accessibility to Employment Sites
- 20 **Author/s: Rob Douglas-Jones; Randhir Karma**  
Through Kerbside Lane Utilisation at Signalised Intersections
- 21 **Author/s: Andy Milne**  
School Travel Behaviour
- 22 **Author/s: Martin Peake**  
Intersection Improvements through Back to Basics Techniques
- 23 **Author/s: Anthony Stubbs; Mofreh Saleh; Howard Jeffery**  
An Investigation of the Validation of the Shell Fatigue Transfer Function
- 24 **Author/s: Bruce Robinson; Daniel Dryland**  
Motorway Facility Analysis in the 2010 Highway Capacity Manual
- 25 **Author/s: Alistair Smith**  
Calibration of Two-Lane Roundabout Modelling in VOYAGER against PARAMICS
- 26 **Author/s: Shane Turner; Tracy Allatt**  
Survey of Pedestrian and Cyclists Involved in Crashes at Christchurch Hospital