

SUNDAY 12 SEPTEMBER 2010

2.00pm	Registration Opens >>Town Hall Foyer
5.00pm	Greater Wellington Regional Council Welcome Reception >>Town Hall

MONDAY 13 SEPTEMBER 2010

7.00am	Registration Opens >>Town Hall Foyer
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CONFERENCE WELCOME AND OPENING

8.30am	Conference Welcome >>Auditorium
9.00am	Address from Hon Steven Joyce
9.15am	Opening Keynote – Andrew McNaughton, High Speed Two Ltd
10.00am	Morning Tea >>Exhibition Hall

CONCURRENT SESSIONS

	Track 1 >>Ilott Theatre	Rolling Stock 1 >>Civic Suites 1 & 2	Signals and Electrical >>Lion Harbour View Lounge 1 & 2	Planning, Policy, Regulations and Economics >>Auditorium
10.30am	Rail Grinding Quality Assurance Based on Profile Correction and RCF Control <i>R Devadoss, G Chattopadhyay</i>	Battery Rail Vehicles <i>B Johnston</i>	Wellington Network Track Circuit Immunisation <i>R Twyford, J Skilton</i>	The Essential Railway: A Lateral Interpretation of the Functions of Urban Railways <i>I Gray</i>
11.00am	Improving the Reliability of Aluminothermic Rail Welds Under High Axle Load Conditions <i>P Mutton, I Salehi, et al</i>	Present Day Approaches for the Effective Modelling of Train Crashworthiness <i>A Chhor</i>	NID_C:600, New Zealand's ETCS Experience <i>J Clendon</i>	Outsourcing to Support Rail Rejuvenation – Insights from Tranz Rail as a Virtual Railway <i>G Holden, E England</i>
11.30am	Ballast Cleaning and Track Design Case Study <i>D Norton</i>	Requalification of EMD D29/D31 Traction Motors in QR <i>P Williams</i>	Sydney Metropolitan Freight Network <i>E Hawes, T Magyla</i>	Access Regimes and the Economics of New Zealand's Rail Network <i>I Duncan</i>
12.00pm	A Review on Recent Developments in Rail Temperature Prediction For Use in Buckling Studies <i>Y Wu</i>	Avoiding Fatigue Cracking In Rail-Freight Vehicles <i>J Vazey</i>	Electrical Supply Modelling of the Blackwater Coal Haulage System <i>S Nicholson</i>	Rejuvenating Rail – Planning for the Marsden Point Rail Line <i>F Blight, P Shivnan</i>
12.30pm	Lunch >>Exhibition Hall			

MONDAY 13 SEPTEMBER 2010 (CONTINUED)

CONCURRENT SESSIONS

	Track 2 >>Civic Suites 1 & 2	Technology >>Lion Harbour View Lounge 1 & 2	Structures 1 >>Ilott Theatre	Passenger and Urban >>Auditorium
1.30pm	Geotechnical studies for the adelaide rail revitalisation project: a case study comparing in-situ and laboratory testing of ballast and subgrade materials <i>M Drechsler</i>	Remnant Coal Detection System for Coal Train Wagons <i>C Hargrave</i>	Arahura Combined Railway-Road-Pedestrian Bridge Replacement Project <i>W Rushbrook</i>	Could the Humble Issue of Train Stabling Transform Our Railways and Even Our Cities? <i>R Schuppan</i>
2.00pm	Effect of vertical misalignment of Adjacent Sleepers on the progressive increase in Dynamic loads around Rail Joints <i>H Askarinejad</i>	Freight – Wired for Information <i>M Murray</i>	Repair and Modification of NZ Rail Tunnels <i>G Ramsay</i>	DART 1/Newmarket Rail Station – Raising Public Transport's Profile <i>S Geelen</i>
2.30pm	Rational Design Method for Prestressed Concrete Sleepers <i>J Nairn</i>	Model-based estimation of rail profile based on axelbox accelerometers <i>P Bellette</i>	Glenelg Tram Overpass – Design and Construction Innovations <i>S Gelagin, B Singleton</i>	Hyderabad Metro Rail – A Renaissance of Urban Rail <i>M Owens, R.V.S Reddy</i>
3.00pm	Renewing Concrete Sleepers – How Long Can They Last? <i>M Murray</i>	Early Detection of Wheel Flats Using Wagon Body Acceleration Measurements <i>Y Sun</i>	Rejuvenation of the Port Adelaide Viaduct <i>G Perelmuter, S Townsend, et al</i>	An Integrated Rail Plan for Sydney Improving the Passenger Journey <i>R Mason</i>
3.30pm	Afternoon Tea >>Exhibition Hall	Fire Protection Measures in Railway Vehicles as a 'Compensation' to Fire Protection Requirements <i>M Klinger</i>	Afternoon Tea >>Exhibition Hall	

CONCURRENT SESSIONS

	Rail – Wheel >>Lion Harbour View Lounge 1 & 2	Asset Management >>Civic Suites 1 & 2	Structures 2 >>Auditorium	Operations, Logistics and Network Planning 1 >>Ilott Theatre
4.00pm	Selection of Wheel and Rail Profiles for Hunting Tests <i>D Skerman</i>	Electronic Handover of 'As-Constructed Asset Data' – A Real World Example <i>A Burdett</i>	Bridge Inspection Standards – A Review of International Practice and How this is Being Applied to Benchmark Bridge Inspection Standards for Ontrack Rail Bridges <i>G Brown</i>	Best Practices to Improve Urban Railway Operations and Customer Experience <i>H Hawkins</i>
4.30pm	Wheel Rail Contact Conditions Causing Rail Squats <i>S Simson</i>	Best Practices in Asset Management Implementation <i>K Oostermeijer, J Boss</i>	Rejuvenating NZ's Rail Bridge Asset <i>W Rushbrook</i>	Revitalisation Through Objective Evaluation <i>M Baggott, L Meyrick</i>

MONDAY 13 SEPTEMBER 2010 (CONTINUED)

5.00pm	Metallurgical Study of Rail Squats <i>B Daniel</i>	SCT Logistics Reduces Risks of Bearing Failure <i>R Bury, B Wilson</i>	Protection of Railway Infrastructure From Rockfall and Debris Using a Dynamic Rockfall-Debris Flow Barrier <i>R Bucher, W Harrison, et al</i>	Regional Rail – A case study in Rejuvenation? <i>M Michell</i>
5.30pm	Wayside Lubricator Placement Model for Heavy Haul Lines in Australia <i>G Uddin</i>	Practical applications of GPR surveys for trackbed characterisation in the UK, Ireland, USA and Australia <i>A Eriksen</i>	Management of slope instability hazards, North to South junction, NIMT, New Zealand <i>R Justice</i>	Wellington Station and approaches, adapting to the challenge <i>I Cotton, I Imrie</i>
6.00pm	Interfleet Networking Reception >>Town Hall			

TUESDAY 14 SEPTEMBER 2010

7.00am	Registration Opens >>Town Hall Foyer			
9.00am	Opening Keynote – Michael Roney, Canadian Pacific >>Auditorium			
10.00am	Morning Tea >>Exhibition Hall			
	CONCURRENT SESSIONS			
	NZ Metro Rejuvenation and Renaissance >>Auditorium	Rolling Stock 2 >>Ilott Theatre	Safety and Quality >>Lion Harbour View Lounge 1 & 2	Operations, Logistics and Network Planning 2 >>Civic Suites 1 & 2
10.30am	Building the Case for Rail – The Wellington Regional Rail Plan <i>A Burford</i>	Laser Cladding Compared With TIG welding to Repair and Refurbish Railway Axles <i>M Soodi</i>	Fatal Level Crossing Accident, Cairns Tilt Train <i>L Matters</i>	An Innovative Approach to Rail Options Analysis Using GIS <i>C O'dell, A Trinder</i>
11.00am	WRRP – Planning and Construction of the Third Main Track into Wellington Station <i>R Hickman, K Roberston, et al</i>	Human Factors, Interfaces and Rolling Stock Design <i>M Squair</i>	Towards Affordable Safer Level Crossings: Analysis of Self Reported Driver Behaviour at Passive Level Crossings <i>B Thomsen, Y Toft</i>	The Hunter Valley – A High Capacity Railway Infrastructure Network <i>S Sutherland, T Fraser</i>
11.30am	City Shaping – The Auckland CBD Rail Link <i>P Twomey</i>	DC Regenerative braking in the UK <i>P Taylor</i>	Australian Standards for the Rail Industry <i>S Rykers</i>	Integrated Timetable Modelling for the ARTC North South Corridor <i>P Campbell, I Fox</i>
12.00pm	20 Projects, One Goal – Developing Auckland Metro <i>P King, R French</i>	Advanced Bogie Brake <i>D Wynd</i>	The Implications of Common Law Due Diligence <i>R Robinson</i>	Short to Medium Haul Rail Freight – Future Fact or Falacy <i>I Imrie</i>
12.30pm	Lunch >>Exhibition Hall			

TUESDAY 14 SEPTEMBER 2010 (CONTINUED)

CONCURRENT SESSIONS

	Projects >>Auditorium	Tracks & Trains >>Ilott Theatre	Level Crossings & Signals >>Civic Suites 1 & 2	Sustainability and Environment >>Lion Harbour View Lounge 1 & 2
1.30pm	Kingsgrove to Revesby Cleaways Project <i>M Hickey, R Holloway</i>	Wheel Rail Contact Damage from High Adhesion Locomotives, and Damage Mitigation From Steering Bogies <i>S Simson, C Cole</i>	Intelligent Transport System to Improve Safety at Level Crossings <i>J Singh</i>	Environmental Impacts of Rail: Lessons from Kiwirail Carbon Footprints <i>V Browne</i>
2.00pm	Rail Duplication and Construction of the New Lynn Rail Trench <i>M McDonald, K Crawford</i>	Reducing In-Train Noise on the Epping-Chatswood Rail Link <i>D Coker, D Anderson</i>	Prioritisation of Level Crossings in Melbourne for Grade Separation <i>R Crawford</i>	Carbon Valley 2050 – the Future of Rail Energy Supply in the Hunter Valley <i>G Ellem, M Bruns</i>
2.30pm	Richmond Line Alliance – A Case Study in Effective Project Development and Delivery of a Complete Rail System <i>P Boulden, M Smith</i>	Implementing 110mm cant deficiency to increase train speed around existing curves <i>J Furness, J Walsh</i>	Auckland Metropolitan Resignalling Project – Comprehensive Modernisation <i>N Burton</i>	Enhanced Locomotive Efficiency Through Waste Heat Recovery <i>D Pich</i>
3.00pm	Brisbane Suburban Area Reliability Upgrade Project <i>J Milligan</i>	Matangi – An EMU for Wellington <i>A Bossward, R Wason</i>	Vital-Positive Train Control in the United States and its Relationship to Australia's Advanced Train Management <i>B Groves</i>	Advances in Energy Efficient trains for New South Wales <i>P Pearce, G Collishaw</i>
3.30pm	Afternoon Tea >>Exhibition Hall			
4.00pm	Closing Plenary Session: Realising Rail's Potential – Murray King, Michael Roney, Andrew McNaughton, Rob Mason, Jim Quinn >>Auditorium			
7.00pm	Parsons Brinkerhoff Conference Dinner >>Museum of New Zealand, Te Papa Tongarewa			