



TECHNOLOGY & INFRASTRUCTURE

Rapid change, constrained frameworks

Rydges Hotel, Rotorua 20th - 22nd August 2019

The IRTEENZ 16th International Conference

- Alternative Power Train – Hydrogen, Electric
- PBS – Tyre impact, Australian and NZ development
- Compliance – Testing new technologies
- Autonomous Vehicles – Real-world applications
- Intermodal Operations – Optimising use of transport infrastructure
- Commercial Vehicle Technology – Evolving technology



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DAY 1 Tuesday 20th August

9.00 a.m. - 10.00 a.m.	Registration Rydges Hotel Foyer
10.45 a.m. - 12.00 p.m. Chair: Dom Kalasih Opening	Dom Kalasih - President IRTENZ Welcome Presentation
	Keynote speaker Scott O'Donnell - Richardson Group Reflections on transport and crystal ball gazing
12.00 p.m.	LUNCH
1.00 p.m. - 2.45p.m. Chair: John Macleod Emerging Technologies	Associate Professor Jonathan Leaver - Unitec Institute of Technology Hydrogen fueling transport
	Andrew Campbell - Retyna Ltd What's next in transport electrification
	John Woodrooffe - University of Michigan Emeritus 2 years on, are we closer to mass deployment of AV trucks
2.45 p.m	AFTERNOON TEA
3.15 p.m. - 5.00 p.m. Chair: Dom Kalasih Operator Panel Session	Panel Discussion New technology - What are we doing differently 2 years on
	Tranzliquid - Gareth Pert, TIL Group - Alan Pearson, Chief Executive Officer Williams & Wilshier - Warwick Wilshier, Managing Director Carr & Haslam - Chris Carr, Director Halls - James Smith, Group Transport Manager T R Group - Andrew Carpenter, Managing Director Emmersons Transport - Ian Emmerson, Managing Director John Woodrooffe - University of Michigan Emeritus
5.00pm	CLOSE
	Evening free



DAY 2**Wednesday 21st August**

9.00 - 10.30 a.m. Chair: David Rogers PBS	Martin Toomey & Peter Hart- Australian Road Transport Suppliers Association PBS vehicle uptake in Australia with Intelligence Access & possibilities for NZ
	John de Pont - TERNZ/NZTA Report on the B-train PBS trial
	Les Bruzsa - National Heavy Vehicle Regulator, Australia How tyre parameters impact PBS assessment
10.30 p.m	MORNING TEA
11.00 - 12.30 p.m. Chair: Chris Carr Alternative Fuels	Jitesh Singh - Waste Management Electric fleet implementation - 2 years on
	Alan Pearson - TIL Hydrogen fuel cell trucks & the Hiringa connection
	Richard Briggs - Energy Efficiency Conservation Authority The Low Emission Vehicle Contestable Fund
12.30 p.m	LUNCH
1.30 - 3.00 p.m. Chair: John de Pont Infrastructure	Phillip Brown & Chris Carr Considering Urban Design for Heavy Vehicles
	David Pearks - NZTA Weigh Right
	John Woodrooffe - University of Michigan Emeritus How next could PBS be applied to optimise the use of the network
3.00 p.m	AFTERNOON TEA
3.30 - 5.00 p.m. Chair: Dom Kalasih Compliance Technology	Panel Session NZTA - Kane Patena, GM Regulatory NZ Police - Inspector Mike Brooklands, Head of Commercial Vehicle Safety Team VINZ - Sean Stevens, GM Operations MTA - Ian Baggot, Sector Specialist-Energy and Environment E Road - Peter Carr, Director, Regulatory Market Development ANZ Trucks & Trailers - Alfons Reitsma, Sales & Product Engineer, Mercedes Benz
5.00pm	CLOSE
6.00 p.m.	Happy Hour in Hotel Foyer
7.00 p.m.	Conference Dinner - dress semi formal



DAY 3 Thursday 22nd August

9.00 a.m. - 10.30 a.m. Chair: Steve Bullot Intermodal Freight	Craig Evans - Mainfreight Intermodal transport
	Andrew Locke, CentrePort Moving logs intermodally
	Alan Piper - Kiwirail Intermodal Container Freight
10.30 a.m.	MORNING TEA
11.00 a.m. Chair: Dom Kalasih	Jamie Bell - MTD Trucks Emerging truck safety and environmental technology
	Les Bruzsa - National Heavy Vehicle Regulator, Australia Emerging Technology that will potentially unlock greater network access to high productivity vehicles - Powered axles - Forced Steer axles
	Review of the conference presentations & Group Discussion Delegates and speakers will have the opportunity to discuss topics and questions arising from the Conference presentations
12.00 p.m.	CONFERENCE CLOSES

[Disclaimer Notification]

The IRTENZ has the sole and legal right to make amendments to the current 2019 Conference agenda, including the list of nominated speakers based on unforeseeable circumstances which are beyond the control of the Institute. In the event of changes to either the published program or speaker list, any or all delegate conference costs, including attendance fees, travel, accommodation, food and beverage expenses will not be refunded due to a delegates decision 'not to attend' based on late program and or speaker amendments. In the event of a late change to the published conference program, including nominated speakers, the IRTENZ will make every effort to notify all delegates.

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