T-Tech Conference 2023

DAY 1 - 26 SEPT	THEME	Speaker	Organisation	Topic	THEME	Speaker	Organisation	Topic	THEME	Speaker	Organisation	Topic
8.15am	Registration and Coffee											
9.00am	Mihi whakatau / cultural welcome	Peter Jackson, Te Atiawa										
9.10	MC Intro/Housekeeping	Dr Michelle Dickinson										
9.15	ITSNZ Welcome	Mike Rudge, Chair	ITS NZ									
9.25	Opening Address	Audrey Sonerson, Secretary for Transport	Te Manatu Waka Ministry of Transport									
9.45	International Keynote	Sarah Kaufman, Executive Director	NYU Rudin Centre for Transportation									
10.30	BREAK											
11.00 - Breakout Session 1	1.1 Resilience and Sustainability	Phillip Walsh	Yunex Traffic	Environmental Traffic Management: For cleaner air in our cities	1.2 Equity and Accessibility	Gareth Robins	Robinsight	The Digital age's social contract: The significance of an integrated privacy layer in transportation data	1.3 Data and Digital Infrastructure	Dave Keenan	Aimsun	City-wide modelling of Connected and Automated Vehicles
		Helder Peguicha / Jacek Mocki	Hrail / MOTZKY	Taking the New Zealand suburban rail network into the Hydrogen era: The transition and its risks		Fiona Reid & Shaun Hunter	Somar Digital	On Board Bus Announcement technology delivers independence and freedom to visually and audio impaired public transport travellers		Amanda Dharmasekhara, Darren Fidler	Waka Kotahi NZ Transport Agency	Elevating active modes data analytics capability
		Steve Critchlow	Critchlow Geospatial Limited	Accelerating uptake: Crushing myths about electrifying fleets		Katherine Sandford	UBCO Bikes	Catering to an increasingly diverse workforce		Inger Gartner	Cubic Transportation Systems	Harnessing digital mobility: Transforming transport for a sustainable future
		Iain MacDougall	Liftango Pty Ltd	Corporate transport and sustainability: Ways of measuring impact for ESG reporting and beyond		Richard Young	SmartSense / VivaCity Labs	Preventing vulnerable road users near-misses becoming casualties: You can't improve what you can't measure.		Daniel Hoyne	Kapsch TrafficCom	Enabling a nationwide digital infrastructure for road user charging
12.10	LUNCH											
1.10	Guest Speaker	Mayor Grant Smith	Palmerston North City Council	Smart/connected cities								
1.30 - Breakout Session 2	2.1 Data and Digital Infrastructure	Mark Walker	Resolve Group	Connected vehicle infrastructure: Is New Zealand ready?	2.2 Resilience and Sustainability	Blair Monk	Aurecon	Operational risk assessment of the Auckland Harbour Bridge and ITS operation during wind events	2.3 Shared, Public and Integrated Transport	Garreth Hayman	Doppelmayr New Zealand Limited	Integrated transport on another level
		Cam Gordon/ Jack Donaghy	Auckland Transport/Beca	Leveraging digital infrastructure and data for a digital twin of Auckland's Grafton Bridge: A case study by Auckland Transport and Beca		Minh Kieu	University of Auckland	Unveiling Resilience: A comparative study of risk perception and preparedness in New Zealand and the global context		Matt Ensor	Beca	Transforming public transport feedback with generative AI
		Aaron Campion	Urban Connection NZ	UAV surveying for roadsafety assessments		Manuel Gonzalez Arrojo	SICE New Zealand	Future generation control systems for large scale tunnel projects: A vision for the additional Waitemata Harbour crossing ? (AWHC)		Peter Scott	Holmes Solutions	Elevating shared public mobility
		Simon Washington	Advanced Mobility Analytics Group	Proactive video analytics for achieving Vision Zero in New Zealand		Marty Rendall /Clare O'Hagan	Fulton Hogan	Case study in flood detection systems through IOT: Ensuring we have resilient life line roading networks		Phillip Walsh	Yunex Traffic	Cycling community leveraging apps for improved travel on the road network
2.40	BREAK											
3.10 Breakout Session 3	3.1 Electric, Connected and Automated Vehicles	Gerrald Mateo	Kapsch TrafficCom	Sharing success factors from connected vehicles pilot projects in Australia	3.2 Shared, Public and Integrated Transport	Shayna Elley	Via Mobility	On Demand in New Zealand . . . where to from here?				
		Angus McDonald	Compass IoT	Modernising road planning in the era of connected vehicles		Paul Minett	Trip Convergence Ltd	Do challenges threaten the grand vision for Mobility as a Service?				
		Mark Walker	Resolve Group	The future of traffic signal priority: An innovative approach using connected vehicle technology		Ben Hague	Via Mobility	Influencing customers and transport networks through trip planning				
		Fred Kalt	Yunex Traffic	Connected mobility for community safety								
4.30	Guest Speaker	Sean Audain	Wellington City Council	AI Sensors for data and traffic movement								
5.00	Guest Speaker	Suzanne Murtha	AECOM (USA)	Connected and Automated Vehicles								
5.30 - 7.00	NETWORKING FUNCTION Sponsored by Cubic											

DAY 2 - 27 SEP	THEME	Speaker	Organisation	Topic	THEME	Speaker	Organisation	Topic	THEME	Speaker	Organisation	Topic
*Take breakfast to session	Sponsored by One NZ and Cisco											
8.00	Digital Technology Special Session	Tina Wilkerson, Simon Young, Mike Rudge, Mark Walker	One NZ, Cisco, Rudge Consulting, Resolve Group	Digital Technology to improve transport outcomes: Exploring the opportunity and approach for New Zealand								
8.50	International Keynote	Stuart Scott, Chair	ITS UK	Smart Motorways/ C-ITS and ITS developments in the UK								
9.30	Guest Speaker	Erik Van Vulpen	La Trobe University	Accessibility in Autonomous Vehicles								
10.00	Guest Speaker	Dr Shih Yi-Fang, President	ITS Taiwan									
10.20	BREAK (40 minutes)											
11.00 Breakout Session 4	4.1 Shared, Public and Integrated Transport	Gerrald Mateo	Kapsch TrafficCom	How to prepare and deploy an effective demand management strategy	4.2 Equity and accessibility	Ben Hague	Via Mobility	Capturing the value of On Demand transport	4.3 Electric, CAVS and C-ITS	Erik Van Vulpen	La Trobe University	Connected Motorcycle Rider Project (Queensland)
		Pete Moth/ Werner Pretorius	Auckland Transport / AECOM	Unlocking the potential of Auckland's Rapid Transit Network		Ainsley Hughes	Liftango Pty Ltd	How do we measure the social impact of On Demand transport?		Daryn Murphy	Tranzit Group	Electrifying public transport: From the city to regional NZ
		Galen Chui	Cubic Transportation Systems	Revolutionising sustainable mobility: From the few to the universal		Andrew Radford	Jacobs	Developing a sustainable and inclusive mobility hub in Christchurch, New Zealand		Katherine Sandford	UBCO Bikes	Rethinking central cities as spaces for lighter vehicles
		Dean Zabrieszach	Ohmio Automotion	The Ohmio journey - from development to deployment		Geoff Prince	AECOM	Dunedin Retail Quarter upgrade		Minh Kieu	University of Auckland	Decoding the decision-making process for electric vehicles: A causal analysis of factors impacting the adoption of dynamic wireless charging technology
12.10pm	LUNCH											
1.00	Waka Kotahi and Ministry of Transport	Yogesh Anand, Lee McKenzie, Ihsana Ageel, Waka Kotahi	Dan Jenkins, Te Manatu Waka									
2.20	Guest Speaker	Stacey Ryan, Policy Manager	ITS Australia									
2.45	BREAK											
3.15	Young Transport Professionals	Ella Sparrow, Kathleen Wong Te Manatu Waka & Kaitlyn Stringer, Beca	Young Transport Professionals Aotearoa									
3.25	Guest Speaker	Luan You	Beca	How to harness computer vision AI								
3.45	Awards sponsored by Somar Digital	Fiona Reid, CEO, Somar Digital (Sponsor)	Armin Guttke (ITSNZ)									
4.00 - 4.15	CLOSE	Simon McManus, EO	ITSNZ									

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https://itsnz.org/events/t-tech-2023/