



# Day One - 25 June

Location: University of Auckland, School of Engineering, 20 Symonds Street



TIMES	Session and Activity	Speakers													
8.15am	Registration and Coffee														
9.00am	Mihi whakatau / cultural welcome	Hone Thorpe, Te Āti Awa													
9.10	MC Intro/ Housekeeping	Joe Davis, Co-Founder NanoGirl Labs													
9.15	ITSNZ Welcome	Mike Rudge, Chair ITSNZ													
9.25	Opening Address	Wayne Brown, Mayor of Auckland													
9.45	Strategy and Technology Opportunities in the GPS	Barbara Tebbs, Infrastructure Commission / Chris Bunney, Waka Kotahi NZTA / Paul O'Connell, Ministry of Transport													
10.30 - 11.00	Morning Tea														
11.00	Road Pricing Special Interest Session	Peter Carr, EROAD / Scott Wilson, CDM Smith / Michael Roth, Auckland Council / Mark Lambert, Auckland Transport													
12.00	Keynote	Carla Hoorweg, CEO, ANCAP Safety ANZ													
12.30 - 1.30	Lunch														
1.30	Waka Kotahi Digital Update	Liz Maguire, Chief Digital Officer, Waka Kotahi NZTA													
2.00	THEME	Speaker	Organisation	Presentation	THEME	Speaker	Organisation	Presentation	THEME	Speaker	Organisation	Presentation			
Breakout Sessions	Public and Shared Transport Technologies and Solutions	Trystan Eeles	Liftango	Introducing PiKau: Iwi-owned, community-designed On Demand Transport addressing social equity in Northland, NZ	Electric, Connected and Automated Vehicles	David Alderson	WSP	Current state of C-ITS in Australia and opportunities for New Zealand	Data, AI, Analytics and Cybersecurity	Rawinder Singh	Revotech	Harnessing Simulations to Transform Temporary Traffic Management			
		Moderator: Dave Keenan, Aimsun	Melissa Winters	Bay of Plenty Regional Council		Tauranga On Demand Trial - Challenging Traditional Models	Moderator:	Mark Walker		Resolve Group	Virtual Variable Message Signs	Moderator: Joe Davis	Fabian Seelinger	Yunex Traffic	Advanced Perception AI in Transport
		Room: 405.470	Dr Chris Allington	Holmes Solutions		On-demand cable-suspended transport to supplement existing transit capacity	Room: 405.460	Mohsen Mohammadzadeh		University of Auckland / CAI/ TRC	Exploring the Climate Change Potential of Disruptive Mobility: A Systematic Literature Review	Room: 401.401	Andy Prow	Qubit Cyber	Digital Safety, It's Not Just a Cyber-Security Concern
			Daniel Hoyne	Kapsch		A National Approach - Network Intelligence Management System - NIMS, Ireland		Emily Bobis		Compass IoT	Tech Meets Tarmac: How Digital RUC Schemes Create Seamless Driver Experiences		Manoj Dolli	Alamance IT	LIDAR-Enhanced Safety with Spatial AI: Revolutionising Real-Time Hazard Detection and Alerting
3.15-3.45	Afternoon Tea														
3.45	THEME	Speaker	Organisation	Presentation	THEME	Speaker	Organisation	Presentation	THEME	Speaker	Organisation	Presentation			
Breakout Sessions	Public and Shared Transport Technologies and Solutions	Antony Dixon	CUBIC	Revolutionising Commutes: How the overseas experience has informed the development of New Zealand's National Ticketing Solution	Demand Management and Road Pricing	Lance Brand	Q-Free	Time of Use Charging	Data, AI, Analytics and Cybersecurity	Gareth Robins	Robinsight	Unlocking Insights: How Telematics Data Transforms NZ Transport			
		Moderator: Doug Wilson, ITSNZ/ TRC	Fiona Reid	Somar Digital		Total Cost of Journey Calculator - encouraging uptake of public transport to reduce climate impacts, carbon emissions, congestion and vehicle dependency	Moderator: Armin Gutke, ITSNZ	Gerrald Mateo		Kapsch TrafficCom	Reducing congestion through the convergence of tolling and traffic management technologies	Moderator: Joe Davis	Henry Wu	JYW Consulting	Application of Large Language Model on Major Infrastructure Projects
		Room: 405.470	Dr. Heyang (Thomas) Li / Evelyn Wen	University of Canterbury / Waka Kotahi NZTA		Spatial and temporal modelling to enhance first- and last-mile connectivity for public transport	Room: 405.460	Sergio Sanchez		SICE	The application of proven technology and systems to meet New Zealand's future road pricing / Time of use charge requirement	Room: 401.401	Richard Young	Smart Sense	Using AI based sensors to deliver safer outcomes for vulnerable road users.
			Supanut Liengindathaworn	University of Auckland		Assessment of Private and Public Transportation Gap in New Zealand		Richard Wu		FETCI	Exploring the Potential of Road User Charging in New Zealand		Isaac Rooskov	Transmax	Smart transport technology for safer, more reliable and greener motorways
5.00 - 6.30	CONFERENCE FUNCTION Sponsored by CUBIC														
7.00	CONFERENCE DINNER @ The Maritime Room, Viaduct Harbour, Sponsored by SICE														

Event Hosts



Premium Event Partners



Conference website

<https://itsnz.org/t-tech24>



# Day Two - 26 June

Location: University of Auckland, School of Engineering, 20 Symonds Street

DAY 2 - June 26		Speakers										
Breakfast from 7.15, Session starts 7.40am	BREAKFAST SESSION Sponsored by CHORUS	Theresa Corballis, Chorus / Tina Wilkerson, Chorus / Fraser Paine, Aware Group / Paul Riding, Auckland Transport / Armin Guttker, ITSNZ										
8.30	International Keynote	David Laoide-Kemp, Senior ITS Engineer, Transport Infrastructure Ireland / Chair of ITS Ireland										
9.15	Theme	Speaker	Organisation	Presentation	THEME	Speaker	Organisation	Presentation	THEME	Speaker	Organisation	Presentation
Breakout Session	Public and Shared Transport Technologies and Solutions	James Howard	Tranzit	Tranzit, in partnership with Horizons Regional Council, introduce Australasia's first 100% electric bus network	Demand Management and Road Pricing	Brittany Croft	Kapsch TrafficCom	A new lens on equitable travel models	Technologies for Safer and Resilient Infrastructure	Mark Walker	Resolve Group	Real-time warnings of roadworks ahead using V2X technology
	Moderator: Antony Dixon, ITSNZ / Cubic	Michael Bunn	AUT University	Duty Sheet System for Reduced Driver Distraction and Improved Timeliness	Moderator: Joe Davis	Peter Carr	EROAD	What is an EDR?	Moderator: Shannyn Hiroti, ITSNZ / Urban Connection	Ivy Tansley Hao	University of Auckland / AT	Safety evaluation on Shared Paths: A Methodology Integrating Traffic Conflict Analysis and Video Surveys
	Room: 405.470	Erik Zydervelt	Mevo	Navigating the Road Ahead: Challenges and Opportunities of Car Sharing in New Zealand	Room: 405.460	Andy Hooper	WSP	Funding the Gap – Road Pricing for revenue and demand management	Room: 401.401	Dr Chris Frone	N3T	Safety on Road Work Sites
		Sean Lewis	Green Signal	Bus Lane Enforcement – A Bus Drivers PoV		Stacey Ryan	ITS Australia	Realtime Road User Location Data to Improve Traffic Control and Management		Danu Abeysuriya	Rush Digital	The Best use case for Digital, Keeping people safe
10.30 -11.00	Morning Tea											
11.00	International ITS Presentations	Akio Yamamoto, Secretary General, ITS Asia-Pacific and Japan / Susan Harris, CEO, ITS Australia / Dr. Shih-Ming You, Deputy Secretary General, Taipei City			Moderated by Lee McKenzie, ITSNZ / NZTA Waka Kotahi							
11.40	Austrroads Programme	Joanne Vanselow, Program Manager for Vehicles Technology and, Environment and Sustainability Programs at Austrroads			Moderated by Lee McKenzie, ITSNZ / NZTA Waka Kotahi							
12.00 - 1.00pm	LUNCH											
1.00	THEME	Speaker	Organisation	Presentation	THEME	Speaker	Organisation	Presentation	THEME	Speaker	Organisation	Presentation
Breakout Sessions	Technologies for Safer and Resilient Infrastructure	William Liu	Unitec Institute of Technology	An Introduction on the Royal Society Catalyst Seeding NZ-Japan Joint Research Initiative on Trustworthy and Privacy-preserving Collaborative Control	Electric, Connected and Automated Vehicles	Edward Wright	Auckland Transport	Mission Electric: Auckland's zero-emission public transport future	Smart Transport Modelling, Operations and Asset Management	James Cox	Addinsight	Improving Flow and Safety at Tidal Flow Site Using Enhanced Portable Traffic Signal Solution
	Moderator: Karen Fehl, ITSNZ / Resolve Group	Natasha Thomas	SICE	A Vision for a future NZ-wide Advanced Traffic Management System (ATMS)	Moderator: Dean Zabrieszsch, ITS Australia /HMI Technologies	Elizabeth Yeaman & Kathy Schluter	Retyna / Keith Andrews	Electric truck trial in proposed Auckland Zero Emission Area - findings	Moderator: Joe Davis	Radha Krishnan	Yunex Traffic	National Approach to Tunnel Management - Switzerland
	Room: 405.470	Jessica Tong	Kapsch TrafficCom	A hybrid approach to scaling up C-ITS technology	Room: 405.460	James Aston	Auckland Transport	Auckland's Transition to a Low-Emission Ferry Fleet	Room: 401.401	Dave Keenan	Aimsun	Planning for Roads: Next Generation Policy-Based Traffic Management – Case Studies from the UK and Germany
		Jaques Steyn	Urban Connection	The role of AI in transport efficiency and targeting to risk		Doug Wilson	UoA/ Transportation Research Centre	Enabling technologies for the wireless charging of electric vehicles within roadways		Ben Ransley	Smart City	Making Dumb Things Smart – Fusing Legacy Tech with Modern Innovations to Enhance Service Value
		Simon Ryley	NEC	Automated Road Condition Monitoring		Phill Haynes	Juno and Jupiter	How many Electric Light Vehicles will we need ... to achieve NZ's decarbonisation target		Steve Hewett	Beca	SH6 Frankton Urban ITS Network Design and Lessons Learnt
2.30 - 3.00	BREAK											
3.00	Government Project Updates	Yogesh Anand , Waka Kotahi NZTA / Ryan Cooney, Waka Kotahi NZTA / John Kinghorn, Hamilton City Council / TBC, Auckland Transport										
4.00	Awards sponsored by Smart City	Ben Ransley, Founder &MD, Smart City / Armin Guttker, Director, ITSNZ										
4.20-4.30	CLOSE											

Event Hosts



Premium Event Partners



Conference website

<https://itsnz.org/t-tech24>