



## New Zealand's Future Transport Conference

Wellington, 23 -24 June

### **Conference Themes: Sustainability, Safety & Equity**

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#### **Learn**

Learn from a 2-day conference programme featuring 40+ speakers. Hear important government updates and direction with speakers from Waka Kotahi, the Ministry of Transport, Auckland Transport, Auckland Council and Wellington City Council.

Learn about the recent research, latest innovations and emerging trends from New Zealand, Australasia and around the world.

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#### **Experience**

Experience a demonstration trip in the Ohmio autonomous Shuttle, operating on the Wellington waterfront outside Te Papa in conjunction with T-Tech. Delegates will be given priority boarding during the conference.

Get hands on at the largest T-Tech exhibition zone ever. 2021 exhibitors include:

- Beca
  - Fulton Hogan
  - NEC
  - Via
  - University of Auckland
  - University of Canterbury
  - YTP & ITSNZ
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#### **Network**

Network and develop lasting relationships with government and industry, decision makers, researchers and transport innovators.

Attend the exclusive networking function, 5.30-7.30PM on the evening on June 23<sup>rd</sup> at Te Papa's premium Icon Room overlooking the Wellington Harbour. The event is free and exclusive for delegates, ITSNZ members and invited VIPs only.

[VISIT THE WEBSITE FOR REGISTRATION, SPEAKER BIOS,  
& MORE INFORMATION ABOUT ITSNZ >>](#)



8.00 - 12.15	<b>Day 1 Morning Session   Oceania Room</b>
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8.00 - 8.45	Registration and coffee	
8.45	MC introduction	<b>Dr Michelle Dickinson</b> , Nanogirl
9.00 - 9.10	Welcome from ITSNZ	<b>Stephen Hewett</b> , ITSNZ President
9.10- 9.30	International Keynote	<b>Beth Kigel</b> , VP & Director Smart and Connected Solutions HNTB/ Steering Committee MobilityXX
9.30 - 9.50	Opening address	<b>Hon. Michael Wood</b> , Minister of Transport
9.50 - 10.15	Guest speaker: Public transport innovations	<b>Angé ANCZEWSKA</b> , GM UITP Australia & New Zealand

10.15 - 10.45	<b>Morning Tea   Exhibition Zone (Outer Oceania Room)</b>
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10.45 - 11.45	New Zealand transport innovation	<ul style="list-style-type: none"> <li>• <b>Liz Yeaman</b>, Retyna (East by West Electric Ferry)</li> <li>• <b>Dr Mahmood Hikmet</b>, Ohmio (AV shuttles)</li> <li>• <b>Edward Wright</b>, Waka Kotahi, MyWay (On Demand)</li> <li>• <b>Jane Jujnovich</b>, KaingaOra (Car Sharing trial)</li> <li>• <b>Scott Hammond</b>, CSLi (Transit-Lane enforcement)</li> </ul>
11.45 - 12.05	Young transport professionals	<ul style="list-style-type: none"> <li>• <b>Amy Strang</b>, AirNZ</li> <li>• <b>Shannyn Hiroti</b>, Ingal Civil Products</li> <li>• <b>Amelia Samandari</b>, University of Canterbury</li> </ul>
12.05 - 12.15	Introduction to papers and presentations (afternoon sessions, rooms and voting)	<ul style="list-style-type: none"> <li>• <b>Stephen Hewett</b>, President ITSNZ</li> </ul>

12.15 - 13.15	<b>Lunch   Exhibition Zone (Outer Oceania Room)</b>
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13.15 - 14.15 Icon Room (Safety)		
13.15	Improving ITS operations through automation of multiple systems	<b>Andrew Gurr</b> , CEO, Fusion Networks
13.30	Driving modellers around the bend	<b>Gareth Robins</b> , Director of Analytics, EROAD
13.45	Road defect detection and prediction using smartphones powered by deep neural networks	<b>Martin Knoche</b> , CEO & Founder, N3T
14.00	Preventing wrong way drivers	<b>Robert Boucher</b> , Digital Consultant, Beca
14.15	Auckland Transport's journey with computer vision	<b>Chris Rapson</b> , Computer Vision Specialist, Auckland Transport



13.15 - 14.15 Oceania Room (Sustainability)		
13.15	How government fleets can use new technology to drive EV adoption	<b>Erik Zydervelt</b> , Mevo Carshare
13.30	The Talanoa Project: improving community equity with AI	<b>Luke Fitzpatrick</b> , Transport Engineer, Beca
13.44	Forecasting the impact of mode shift to E-Bikes / E-Scooters	<b>Matthew Ensor</b> , Business Director - Advisory, Beca
14.00	The impact of digitisation on sustainability, safety, equity and regulatory costs in road transport	<b>Peter Carr</b> , Director, EROAD Ltd
14.15	Old Problems, New Solutions: - How TransitTech is enabling smarter transport networks	<b>Ben Hague</b> , Regional Manager, APAC, Via

14.30 - 15.15	<b>Afternoon Tea   Exhibition Zone (Outer Oceania Room)</b>
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15.15 - 16.00 Icon Room (Equity)		
15.15	Autonomous vehicles and social equity	<b>Ayesha Weerappulige</b> , Transportation Engineer, Beca
15.30	Exploring gendered elements of car and drive culture amongst early EV adopters in New Zealand	<b>Helen Fitt</b> , Postdoctoral Fellow, Lincoln University
15.45	Achieving social equity through smart application of technology	<b>Steve Griffith</b> , Service Line Leader - Delivery, Resolve Group <b>Kirill Yushenko</b> , Principal Consultant – Technology and Intelligent Transport Systems, Resolve Group



15.15 - 16.00 Oceania Room (Sustainability)		
15.15	Covid-19 What have we learned? Future transport challenges and opportunities for intelligent transport systems	<b>Jo Chang</b> , Principal Advisor, Waka Kotahi, NZ Transport Agency
15.30	Beam Mobility - Micromobility operation	<b>Frederick Conquer</b> , Operations Manager New Zealand, Beam Mobility
15.45	Automation of road inspection	<b>Danny Fitzgerald</b> , Information Systems Manager, Road Maintenance, Fulton Hogan
16.00	FlexiRide On-Demand: A case study in revolutionising low patronage bus routes	<b>Juan Carbonell</b> , Head of Solutions APAC, Moovit

16.15 – 16.45 Oceania Room		
16.15 – 16.45	Green infrastructure	<b>Sam Turner</b> , Sustainable Infrastructure, Beca <b>Doug Wilson</b> , University of Auckland

17.30 - 19.30	<p><b>Networking Function   Icon Room</b></p> <p>Join invited VIPs, delegates, exhibitors, and ITSNZ members at an exclusive networking function overlooking the Wellington harbour.</p> <p>Canapes, beverages &amp; convivial discussion</p>	
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8.30 - 12.00	<b>Day 2 Morning Session   Oceania Room</b>
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8.30 - 9.00	Keynote	<b>Dr Michelle Dickinson</b> , Nanogirl
9.00 - 9.25	International keynote	<b>Majid Sarvi</b> , Director Australian Integrated Multimodal Ecosystem (AIMES), University of Melbourne
9.25 - 10.10	Guest Speakers: Micromobility/microfreight	<b>Oliver Bruce</b> , Investor, Advisor, Podcast Host Micromobility Industries / <b>Dave Ferguson</b> , Co-founder & President, Nuro

10.10 - 10.40	<b>Morning Tea   Exhibition Zone (Outer Oceania Room)</b>
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10.40 - 11.00	Spotlight on Wellington	<b>Sean Audain</b> , City Innovation Lead, Wellington City Council, WCC
11.00 - 11.25	Guest Speaker:	<b>Fa'anana Efeso Collins</b> , Auckland City Councillor
11.25 - 12.05	Government update: The Ministry of Transport	<b>Dave Hadley</b> , Principal Adviser Strategic Policy and Innovation, Ministry of Transport (Autonomous vehicles) <b>Iain McGlinchy</b> , Principal Adviser, Ministry of Transport (Road pricing technology) <b>Shrividya Ravi</b> , Senior Analyst, Ministry of Transport (Agent-based transport model)

12.05 - 13.05	<b>Lunch   Exhibition Zone (Outer Oceania Room)</b>
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<p><b>13.05 - 14.05</b></p>	<p>Government update: Waka Kotahi</p>	<p><b>Ian Leach</b>, Product Manager, (ITS Standards)  <b>Dave Schumacher</b>, Product Manager, (ITS Network)  <b>Claire Pascoe</b>, Lead Adviser – Urban Mobility (Data for parking management)  <b>Anna Nord</b>, Senior Adviser, Urban Mobility (Innovating Streets)  <b>Shane Evers</b>, Manager, Infrastructure Strategy &amp; Performance (Digital engineering)</p>
<p><b>14.05 - 14.55</b></p>	<p>Spotlight on aviation: Panel session</p> <p>Moderator: <b>Armin Guttke</b>, VP Membership, ITSNZ</p>	<p><b>Shaun Johnson</b>, CEO Merlin Labs  <b>Richard Cross</b>, Manager Strategic Policy and Innovation, Ministry of Transport  <b>Anna Kominik</b>, APAC Director, Wisk  <b>Rebecca Langton</b>, Emerging Technologies Programme Manager at Civil Aviation Authority  <b>Joe McKay</b>, Strategic Partnerships Manager at MBIE</p>

<p><b>14.55 - 15.30</b></p>	<p><b>Afternoon Tea   Exhibition Zone (Outer Oceania Room)</b></p>	
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<p><b>15.30 - 15.55</b></p>	<p>Connected &amp; Autonomous Vehicles (Australia)</p>	<p><b>Nicholas Brook</b>, Cooperative and Automated Vehicle Initiative (CAVI), Queensland Department of Transport and Mainroads</p>
<p><b>15.55 - 16.15</b></p>	<p>Kiwirail</p>	<p><b>Garry Whale</b>, Strategy and Planning Manager, KiwiRail Freight</p>
<p><b>16.15 - 16.30</b></p>	<p>Papers and presentations awards</p>	<p><b>Deb Hume</b>, Establishment Manager, Multimodal &amp; Innovation, Waka Kotahi</p>

**Conference Close**