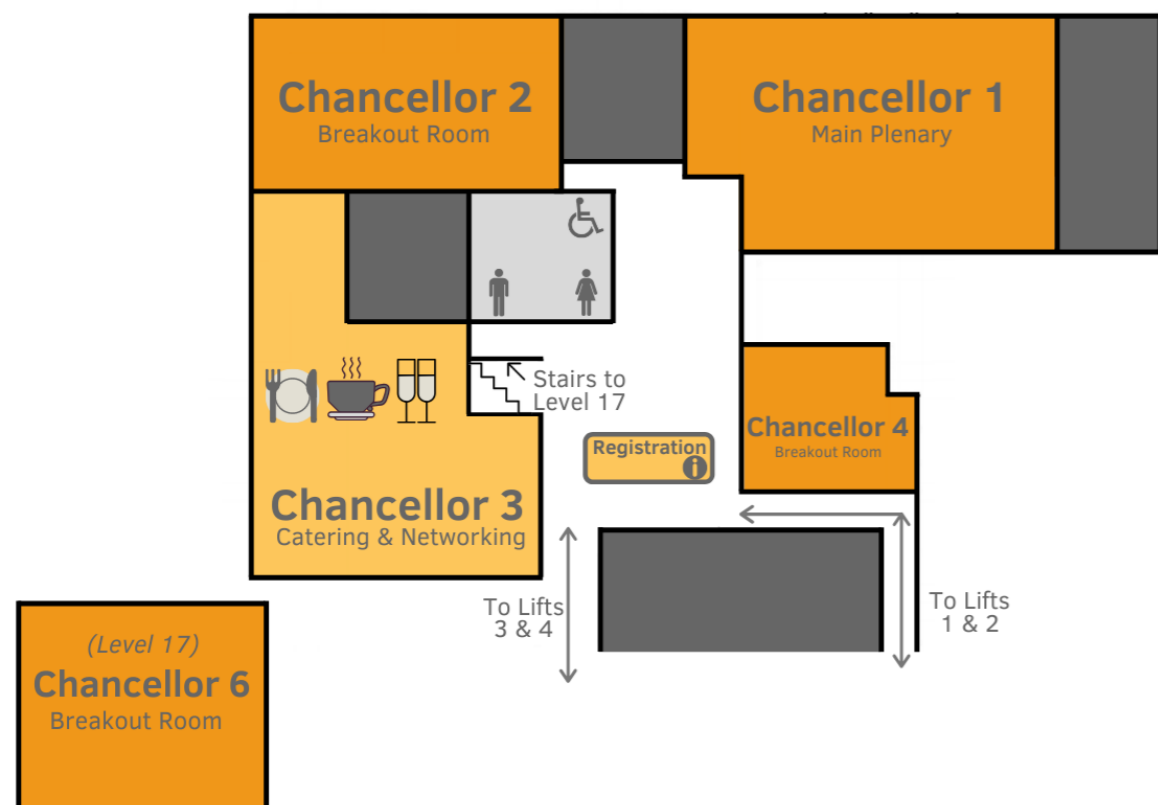


FLOOR PLAN



ACKNOWLEDGEMENTS

The Organising Committee would like to thank the Ministry of Transport for again hosting this important event. We also thank the NZ Automobile Association, KiwiRail, Waka Kotahi NZ Transport Agency, Civil Aviation Authority, and Maritime NZ for their valuable input.



Thank you to all the Chairs and Presenters for the time and effort they have dedicated to make today a success.

A special thanks to EROAD for kindly providing the drinks and nibbles for the afternoon networking event.



EROAD believes every community deserves safer roads and the people who use the roads should influence the design, management and funding of transport networks. This is why EROAD develops technology solutions (products and services) that improve driver safety, reduce the costs associated with driving and provide reliable compliance reporting. EROAD also supplies valuable insights and data analytics to universities, government agencies and others to research, trial and evaluate sustainably safer transport networks.

Transport's contribution to wellbeing and liveability

Thursday 5 December 2019 | James Cook, Wellington

A WARM WELCOME TO THE TRANSPORT KNOWLEDGE CONFERENCE 2019

Welcome to the 2019 Transport Knowledge Conference, we are delighted to have you here and hope you enjoy the presentations. *Transport's contribution to wellbeing and liveability* is the theme of the conference. This year the conference will address five transport outcomes for New Zealand's transport system. These explain what the government should work towards through a guiding principle of mode neutrality. Presentations will be available on the Ministry of Transport website after the conference.

We are pleased to invite you to a networking event from 4.30pm, nibbles and light refreshments will be provided by our sponsor EROAD.

Your conference organizing committee



INFORMATION

PEOPLE'S CHOICE AWARD

Please vote for the best parallel session presentation and best poster. You can vote from the start of the day (up until 4.30pm) with the winners announced during the networking event. Please go to <https://www.sli.do/> and put in the code: #J973

RECYCLING NAME BADGES AND PROGRAMMES

Please return any paper recycling (including this programme) and your lanyard to the registration desk at the end of the day.

EVALUATION

Please go to <https://www.surveymonkey.com/r/NZTKC2019> and complete the evaluation questions. Completing this enables the organisers to consider improvements for next year's event.

CONFERENCE HANDBOOK

A handbook providing further information on the conference and a summary for each presentation can found on the conference webpage: <https://www.transportknowledgeconference.nz/programme.html>

WIFI

On your device, select 'James Cook Hotel Conference'. No password is required.

TWITTER

We'd love you to share your experience of the conference on Twitter. Be sure to include the hashtag #TKC2019

PROGRAMME

8.30am	Registration desk opens – tea and coffee upon arrival	Level 16, James Cook		
9.00am	Housekeeping Tim Herbert, <i>Ministry of Transport, Master of Ceremonies</i>	Chancellor 1		
9.10am	Welcome address Hon Julie Anne Genter, <i>Associate Minister of Transport</i>			
9.25am	Transport indicators: A framework for measuring the performance of the transport system Richard Cross, <i>Ministry of Transport</i>			
9.40am	Using the transport outcomes framework to inform key policy initiatives Bryn Gandy, <i>Ministry of Transport</i>			
10.05am	A corridor for wellbeing - the role of rail in the Hamilton-Auckland corridor Gareth Fairweather, <i>Ministry of Transport and David Shepherd, KiwiRail</i>			
10.30am	Morning tea and Posters session in foyer/Chancellor 3			
Parallel session one				
	Chancellor 1 Safe People 1 Chair: Simon Douglas, NZAA	Chancellor 2 Inclusive Access 1 Chair: Sandy Fong, MoT	Chancellor 4 Environmental Sustainability Chair: Rob Hannaby, NZTA	Chancellor 6 (level 17) Healthy People Chair: Martin Dutton, MoH
11.00am	C1-1100 Work-related MVTC fatalities in NZ: Occupational risks and opportunities to improve workplace road safety Dr Rebbecca Lilley, <i>University of Otago</i>	C2-1100 Social equity in transport: measuring equity using (Auckland) transport models John Davies, <i>Auckland Forecasting Centre</i>	C4-1100 A national model of the impact of road traffic emissions on local air quality Ian Longley, <i>NIWA</i>	C6-1100 Transport links to wellbeing and liveability Jo Chang, <i>NZ Transport Agency and David Rees, Synergia</i>
11.20am	C1-1120 Impact of mandatory alcohol interlock sentencing law Dylan Thomsen, <i>NZAA</i>	C2-1120 Measuring walking access to public transport Danielle Gatland, <i>MRCagney Ltd</i>	C4-1120 "Keeping it real" - fuel efficiency of New Zealand vehicles Jayne Metcalfe, <i>Emission Impossible Ltd</i>	C6-1120 Community exposure to noise from transport infrastructure Michael Allan, <i>AECOM and Darran Humpheson, Tonkin & Taylor Ltd</i>
11.40am	C1-1140 Predicting crashes from harsh braking Gareth Robins, <i>EROAD</i>	C2-1140 Reducing transport disadvantages: Insights from investigating a scheme to make public transport more affordable Nick Potter, <i>Ministry of Transport</i>	C4-1140 Real-world fuel economy of heavy trucks Dr Haobo Wang, <i>Ministry of Transport</i>	C6-1140 Healthy future mobility Hamish Mackie, <i>Mackie Research</i>
12.00pm	C1-1200 Modelling New Zealand Road Deaths & Hospitalisations Ernest Albuquerque and Colin Morrison, <i>NZ Transport Agency</i>	C2-1200 The determinants of used car prices in New Zealand Bryce Hartell, <i>Ministry of Transport</i>	C4-1200 Long, linear and important: Land transport corridors as biodiversity assets Carol Bannock, <i>NZ Transport Agency</i>	C6-1200 National walking and cycling trends Claire Pascoe, <i>NZ Transport Agency</i>
12.20pm	Lunch – Chancellor 3			
1.10pm	Accessibility measurement and valuation and how they contribute to wellbeing Professor David Levinson, <i>Professor of Transport Engineering, School of Civil Engineering, the University of Sydney</i>		Chancellor 1	
1.35pm	What if transport was an urgent public health matter? Professor Alistair Woodward, <i>Professor of Epidemiology and Biostatistics, University of Auckland</i>			

	Parallel session two			
	Chancellor 1 Safe People 2 Chair: Iain McAuley, NZTA	Chancellor 2 Inclusive Access 2 Chair: Galina Mitchell Hill, NZTA	Chancellor 4 Resilience Chair: Jack Stanton, CAA	Chancellor 6 (level 17) Economic Prosperity 1 Chair: Wayne Heerdegen, NZTA
2.00pm	C1-200 Evaluation of the New Zealand Graduated Driver Licensing System Dr Jane Godfrey, <i>Ministry of Transport and Aaron Schiff, Schiff Consulting</i>	C2-200 Understanding barriers to accessing social and economic opportunities in Aotearoa New Zealand Kane Swift, <i>Ministry of Transport and Anna Jackson, NZ Transport Agency</i>	C4-200 Inter-island Resilient Connection Project (iReX) Mark Stocks, <i>KiwiRail</i>	C6-200 Update of the National Freight Demands Study Richard Paling, <i>Richard Paling Consulting and Murray King, Murray King & Francis Small Consultancy Ltd</i>
2.20pm	C1-220 Rangatahi Māori perspectives on and experiences with Graduated Driver Licensing in New Zealand Dr Vanessa Beanland, <i>University of Otago</i>	C2-220 Inclusive streetscapes: Perspectives of disabled people and older citizens challenge mainstream approaches to consultation Prof Shanthi Ameratunga, <i>University of Auckland</i>	C4-220 Using remote monitoring to allow safe running of trains post the Kaikoura Earthquake Daniel Headifen, <i>KiwiRail and Zeb Paterson, Engeo</i>	C6-220 The Green Freight Project Lucia Sobiecki, <i>Ministry of Transport</i>
2.40pm	C1-240 Exploring the role of passengers for safer driving Prof Nicola Starkey, <i>University of Waikato</i>	C2-240 Pedalling gender? Framing gender disparities in cycling within overall differences in sustainable travel in NZ Dr Caroline Shaw, <i>University of Otago Wellington</i>	C4-240 Seismic exposure and impacts across New Zealand transport networks Amelia Lin, <i>University of Auckland</i>	C6-240 Emerging technologies in rolling stock propulsion Alan Hill, <i>KiwiRail</i>
3.00pm	Afternoon Tea – Chancellor 3			
	Parallel session three			
	Chancellor 1 Safe People 3 Chair: Simon Forbes, KiwiRail	Chancellor 2 Inclusive Access 3 Chair: Dan Jenkins, MoT	Chancellor 4 Data Chair: Tim Cross, WSP	Chancellor 6 (level 17) Economic Prosperity 2 Chair: Bonita Gestro, MoT
3.30pm	C1-330 How NZSAR is using data to reduce harm in the search and rescue sector Jeff Lean, <i>New Zealand Search and Rescue</i>	C2-330 Behavioural based segmentation of international visitors - through a transport lens Carol Christie, <i>NZ Transport Agency</i>	C4-330 Asset management data standard – game changer to create a more resilient transport network Myles Lind, <i>NZ Transport Agency</i>	C6-330 Transport funding and the myth of the declining revenue stream Iain McGlinchy, <i>Ministry of Transport</i>
3.50pm	C1-350 Using road markings in innovative ways Prof Samuel Charlton, <i>University of Waikato</i>	C2-350 So what do you think? Attitudes from people in the New Zealand Household Travel Survey Jennifer McSaveney, <i>Ministry of Transport</i>	C4-350 The Life of a Road through a Data Lens Gareth Robins, <i>EROAD</i>	C6-350 Improving data quality to support sector-wide initiatives Andrew McKillop, <i>REG-NZ Transport Agency</i>
4.10pm	C1-410 On-road motorcycle crashes: Collaborative research to enhance our evidence base and improve safety Kaye Clark, <i>NZ Transport Agency</i>	C2-410 Access in Transport Appraisal Sandy Fong, <i>Ministry of Transport</i>	C4-410 Rail bridge resilience data Michael Keenan and Rudolph Kotze, <i>KiwiRail</i>	C6-410 Air transport subsidies in regional development: A systematic review and meta-regression analysis Hanjun (Louis) Wu, <i>Massey University and Dr Yi-Hsin Lin, National Taichung University of Science and Technology, Taiwan</i>
4.30pm	Please join us in Chancellor 3 for drinks and nibbles sponsored by EROAD Best poster and best presentation will be awarded at 5:00pm			

