



Aukaha Resilience

9th - 11th August, 2023
Distinction Hotel, Kirikiriroa Hamilton

Conference Programme





CETANZ Conference 2023

Aukaha Resilience

August 9th - 11th, 2023

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WEDNESDAY 9 AUGUST 2023

Exhibitor pack in and networking drinks

8:00am	Exhibition build <i>Exhibition hall & Catering</i>
12:00pm	Exhibitors and sponsors pack in <i>Exhibition hall & Catering</i>
4:30pm	Registration opens Exhibition hall & Catering
5:30pm to 7:00pm	Icebreaker and Welcome function Networking with Exhibitors and fellow delegates whilst enjoying some beverages and canapés. Exhibition area

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THURSDAY 10 AUGUST 2023

8:00am Registration opens with tea and coffee

8:30am Session 1

8:30am **Mihi Whakatau**

8:40am **Bruce Hopkins, Conference MC**
Welcome and housekeeping

8:50am **Clark Yparraguirre, Geotechnics**
Conference Convenor welcome

9:00am **Paul Burton, Geotechnics**
Serendipity?

9:30am Morning break



10:00am Session 2

10:00am **Robin Power, Insitutek – Sponsor presentation**
How to double the lift thickness (and halve the number of lifts) without compromising compaction quality – an Australian case study



10:05am **Michael McGlynn, Tonkin + Taylor: presenting virtually**
Digital Solutions – use cases, monetisation models and market discovery

10:35am **Nathan Fa'avae ONZM, Adventure Professional**
Unbeaten

11:30am **Anthony Gilliland, Geotechnics**
Resilience of our infrastructure, our work, and our people

12:00pm Lunch

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THURSDAY 10 AUGUST 2023

1:00pm Session 3

STEVENSON

1:00pm Dr Greg Arnold, ASCO Asphalt
Waka Kotahi pavement design standard Volume 6 field testing and Investigation and Volume 7 laboratory testing requirements

1:30pm Steven Anderson, Geotechnics
Making sense of soil testing data

2:00pm Pritpal Singh, Beca
Plateau density test analysis

2:30pm Afternoon break



3:00pm Session 4

3:00pm Thorsten Froebel, Higgins Group Holdings
Towards achieving uniform density in granular layers

3:30pm Emile Van Zyl, Fulton Hogan
1/1 Granular Pavement Compaction – enhancing compaction procedures

4:00pm CETANZ AGM
Drinks and nibbles will be served for all attendees

4:30pm Conference day 1 concludes

6:00pm Transport departs for conference dinner

7:00pm Conference dinner at Hobbiton

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FRIDAY 11 AUGUST 2023

8:00am Registration opens with tea and coffee

8:30am Session 5



8:30am **Bruce Hopkins, Conference MC**

Welcome and housekeeping

8:40am **Stacey Walker, Fulton Hogan**

Journey from shipping containers to functional lab

9:05am **Gerhard van Blerk, Waka Kotahi NZ Transport Agency**

Materials strength characteristics using multiple test criteria

9:30am Morning break



10:00am Session 6

10:00am **Mohammad Mottaghi Fard, Geotechnics**

A brief on pavement's laboratory test equipment, introduction, usage, comparison

10:25am **Sara Bayandor, Auckland University of Technology**

A sustainable shift in road construction: the potential of alkali-activated binders and waste glass reuse

10:50am **Bailey Angus, Road Science**

Paperless in the Pacific

11:10am **Simon Court, ACT Party**

ACT's solutions for Building New Zealand and conserving nature, policy to replace the RMA with law based on property rights, and reform to the state Transport and infrastructure sector with a focus n PPPs to fund and finance the projects needed to close the infrastructure deficit

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FRIDAY 11 AUGUST 2023

12:00pm	Lunch
1:00pm	Session 7
1:00pm	Rob Damhuis, Waka Kotahi NZ Transport Agency <i>Improvement of B-series compliance testing: a workshop</i>
2:00pm	David Morgan, Winstone Aggregates <i>Culture trumps everything, every time</i>
2:30pm	Afternoon break
3:00pm	Session 8
3:00pm	Emile Van Zyl, Fulton Hogan <i>Field evaluation of pavement quality indicator as a replacement for nuclear density meter</i>
3:30pm	Thorsten Froebel, National Pavement Technician Group (NPTG) <i>Update on NPTGs latest strategy and role</i>
3:40pm	Poroporoaki
4:00pm	Conference concludes