



Concrete NZ 2025 – Provisional Programme 21.08.25

*Programme subject to change

WEDNESDAY 15 OCTOBER 2025		
13.00 - 16.00	Holcim Site Tours CLICK HERE for more information	
16.30 - 19.30	Registration Desk & Exhibition Open	Waiheke
17.30 - 19.30	President's Reception	Waiheke

THURSDAY 16 OCTOBER 2025		
07.30 - 15.30	Registration Desk & Exhibition Open	Waiheke
08.30 - 09.00	Conference Opening Mihi Whakatau Welcome, Organising Committee Chair, Alistair Russell Session 1: Chair Moustafa Al-Ani	Kawau
09.00 - 9.45	Keynote Speaker Claire Tubolets , SmartCrete CRC	
09.45 - 09.50	Brian Dillon , Construction Growth Foundation (CGF)	
09.50 - 10.35	Keynote Speaker Andrew Minson , Global Cement & Concrete Association (GCCA)	
10.35 - 11.10	Morning Tea	Waiheke
11.10 – 12.30	Session 2A	Session 2B
<i>Room</i>	<i>Kawau</i>	<i>Rangitoto</i>
11.10 - 11.30	Structural Design of Bledisloe North Wharf Martin Kirkpatrick, Beca	Concrete Materials Technology: Selected ABCs to Improve Project Decisions and Outcomes Sue Freitag, WSP New Zealand Limited & Paul Donoghue, Concrete NZ
11.30 – 11.50	Seeing Further - Hihiani Radar Project, Hawkins Hill, Wellington Alex Kelly & John Heenan, Beca	Energy Requirements and Cost Analysis for Drying Pumice for Use as a Supplementary Cementitious Material Luay N. Dwaikat, The University of Auckland, Ara Institute of Canterbury
11.50 - 12.10	Bentonite Support Fluid – Interactions with Steel Reinforcing Bar and the Effect on Concrete-Rebar Bonding Dorian Borosnyoi-Crawley, WSP Research and Innovation Centre	Experimental Study on Predictive Models for Anchorage in Concrete Incorporating Supplementary Cementitious Materials Emanuele Naccini, Reid - ITW Concrete Systems

12.10 - 12.30	Robot-Ready Floors: Aligning Concrete Floor Performance with Warehouse Automation Tim Walker, Face Consultants Ltd, Cogri Group	Life Cycle Assessment of 3D Concrete Printing Mixes Using Locally-Sourced Supplementary Cementitious Materials Zahir Azimi, University of Canterbury	
12.30 - 13.30	Lunch		Waiheke
13.00 – 14.50	Session 3A	Session 3B	
Room	Kawau	Rangitoto	
13.30 - 13.50	Te Whau Pathway Project: Modular Precast Design for Low-Impact Construction in an Ecologically Sensitive Marine Environment, Jia Xu, Beca & Amy O'Donnell, HEB Construction	Review of the Reactivity Testing Methods for Pozzolanic Materials Amirhoseein Saesaei, University of Auckland	
13.50 - 14.10	Takitimu North Link Project - Linking Tauranga Cameron Weir, Beca & Dan Ashby, Holmes	Innovative Application of Third-Generation Rapid-Hardening Concrete for Sustainable Pavement Replacement at Melbourne Airport Eike Brueckner & Patrick Staehli, Concretum Construction Science AG	
14.10 - 14.30	The Electrification of Local Steelmaking and Reinforcing Bar Manufacturing Israel MacDonald, New Zealand Steel	UHPC - An Environmentally Friendly Concrete Solution Ray Hudd, University of Waikato	
14.30 - 14.50	Experimental Investigation of Composite Anchoring Systems for Load Transfer Between Carbon fibre Connectors and Concrete Under Flexural and Axial Tension Loading Conditions Prashant Magare, MBP (NZ) Ltd (Mapei Group) & Umberto Rico, Mapei SPA	AI-Driven Optimization in Concrete Logistics: A Pathway to Net-Zero and Operational Excellence Paul Flachskampf, Inform Software Corporation Pty Ltd	
14.50-15.20	Afternoon Tea		Waiheke
15.20 -16.30	Concrete NZ AGM: 15.30 – 16.00 Learned Society AGM: 16.00 – 16.15 Readymix AGM: 16.15 – 16.45 <i>With refreshments</i>		Rangitoto
18.30	Pre-dinner Drinks and Canapes		Waiheke
19.00 - Late	Formal Conference Dinner & Awards Evening		Kawau

FRIDAY, 17 OCTOBER 2025			
08.00 - 15.30	Registration Desk & Exhibition Open		Waiheke
9.00-9.55	Session 4: Keynote Speaker Sir John Kirwan (<i>pre-recorded</i>) and Dr Fiona Chrichton, Groov		Kawau
9.55-10.00	Move to breakout sessions		
10.00 – 10.40	Session 5A	Session 5B	
<i>Room</i>	<i>Kawau</i>	<i>Rangitoto</i>	
10.00 - 10.20	Evaluating AS/NZS 2327 Provisions for Deep Deck Composite Slabs: Insights from Full-Scale Testing of ComFlor 210 Profiles Hayden Wright, Holmes Solutions	Calcined Clay Cement - A local Perspective Jarod Wilson, Golden Bay Cement	
10.20 - 10.40	Review Of Structural Connection Details in Recently Constructed Medium-Density Housing Guocai Lin & Siyuan Feng, University of Auckland	Breaking Barriers: Empowering trades women to excel in the New Zealand Concrete Industry Greg Durkin & Amanda Williams, BCITO	

10.40 - 11.10	Morning Tea		Waiheke
11.10 – 12.10	Session 6A	Session 6B	
Room	Kawau	Rangitoto	
11.10-11.30	Optimizing Steel Fibre Reinforced Concrete Performance: Spacing Theory and Application-Specific Safety Factors Sean Page-Wood, Bosfa	Performance of Concrete with Low Water Demand Pumice at Normal and Elevated Temperatures Kavishan Sathsara Ranatunga, The University of Auckland	
11.30-11.50	Sustainable Long-Term Repair of Reinforced Concrete Structures using Galvanic encasements and Jackets Andrew Dickinson, Vector Corrosion Technologies	Cradle-To-Cradle Life Cycle Assessment of Modular Concrete Gravity Retaining Walls: A Case Study on Emissions and Carbon Uptake Potential Osama Mughrabi, The University of Auckland	
11.50-12.10	Effect of Hyperstatic Loads from Post-Tensioned Slabs on Columns and Walls in High-Rise Buildings Thu Ha Tran, Auckland University of Technology & Harry Tran, Open Polytechnic New Zealand	Paving the Future Michel Abou Jaoude, Bosfa Pty Ltd	
12.10-13.10	Lunch & Cricket Bat Competition		Waiheke
13.10 -14.30	Session 7: Lighting Talks Moderator: Rob Gaimster		Kawau
14.30- 15.15	Session 8: Plenary Session <ul style="list-style-type: none">• Moustafa Al-Ani - Learned Society update 10-15 mins• Alistair Russell - Learned Society Diaphragms update- 10 mins• Universities update• Cricket Bat Competition prize-giving 1 minute presentation		Kawau
15.15 - 15.30	Conference Closing Ceremony Sandy Cormack Award		