

# AUSRAIL PLUS

THE ANNUAL CONFERENCE AND EXHIBITION OF THE AUSTRALASIAN RAILWAY ASSOCIATION (ARA)

13-16  
November 2023  
Sydney

International Convention &  
Exhibition Centre



# PROGRAM INFORMATION

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## CEO WELCOME

AusRAIL PLUS has always been a highlight on the rail industry calendar, and 2023 is set to be bigger and better than ever as we welcome rail leaders from Australia, New Zealand and the world to discuss the achievements, opportunities and emerging trends in our industry.

AusRAIL PLUS will feature a comprehensive program covering the big issues facing our industry, such as promoting greater use of rail, addressing the skills gap, improving sustainability performance and creating an exceptional customer experience. Our technical streams will also return, providing something for everyone across the three-day program.

The huge demand for our networking and social events at last year's AusRAIL highlighted the value of this event in bringing industry together to network, share information and develop new business. We will be unveiling new features to maximise these opportunities in the AusRAIL PLUS 2023 program, which will feature an exciting three days of events for delegates, exhibitors and visitors.

I look forward to seeing you in Sydney for AusRAIL PLUS 2023.



**Caroline Wilkie**

CEO  
Australasian Railway  
Association

# PARTNERS

HEADLINE PARTNER &  
YELLOW DINNER



GALA DINNER  
PARTNER



EXHIBITION THEATRE  
PARTNER



LANYARD  
PARTNER



WOMEN IN RAIL  
BREAKFAST



SILVER  
PARTNER



SILVER  
PARTNER



BRONZE PARTNER AND WOMEN  
IN RAIL SCHOLARSHIP



WOMEN IN RAIL  
SCHOLARSHIP



YOUNG RAIL PROFESSIONALS  
SCHOLARSHIP



PLENARY PROGRAM  
PARTNER



PLENARY PROGRAM  
PARTNER



CONFERENCE APP  
PARTNER



COFFEE CART  
SPONSOR



COFFEE CART  
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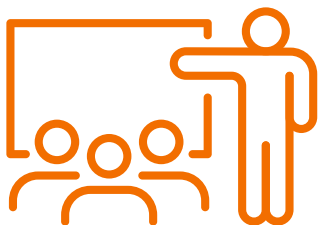


## MEDIA PARTNERS



# REASONS TO ATTEND

AUSRAIL PLUS 2023 provides a unique opportunity to network with industry leaders, connect with key decision makers and hear the latest industry developments from across Australia and New Zealand. Join us for this outstanding event, created by the rail industry for the rail industry.



## Gain exclusive access to in-depth industry insights

Watch keynote speakers, panel discussions and expert presentations delivered by top speakers, including international keynotes, panel experts and senior industry leaders.



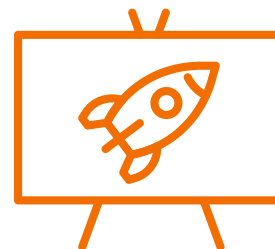
## Flexible registration rates for you and the team

We have a range of registration options available to help you plan your AusRAIL experience. Book as an individual, take advantage of group discounts and bring the team, or sign up to social events.



## Connect with industry partners and leaders

Meet leaders of the rail industry in the exhibition area and attend the industry sessions for the latest development and updates.



## Curated sessions and exciting social programs

Three action-packed days gathering the greatest minds in the industry under one roof to shape the future of the Australasian rail industry.

# KEY NETWORKING EVENTS

Our networking events give you the chance to connect, network and share information as we celebrate AusRAIL 2023.

## Welcome Drinks

Monday 13 November, 5pm – 6.30pm

Get to know AusRAIL PLUS participants before the official program gets underway.

ARA members \$95 | Non members \$145

## Women in Rail Breakfast

Tuesday 14 November, 7.15am – 8.30am

Featuring Queensland Rail CEO Kat Stapleton as our guest speaker.

ARA members \$85 | Non members \$130

## Young Rail Professionals Lunch

Tuesday, 14 November, 12.40pm – 1.40pm

Featuring RATP Dev Deputy CEO, SVP – Americas, Asia-Pacific, South Africa and the UK Mehdi Sinaceur as our guest speaker.

ARA members \$85 | Non members \$130

## Yellow Dinner

Tuesday 14 November, 6.30pm – 10.30pm

Come together for rail industry leaders for this much-loved formal dinner. Featuring special guest and MC Larry Emdur.

ARA members \$265 | Non-members \$355

## Exhibition Networking Drinks

Wednesday 15 November, 5pm – 7pm

Join delegates, exhibitors and visitors in the Exhibition Hall to celebrate AusRAIL PLUS.

Tickets \$110

## Gala Dinner

Thursday 16 November, 6.30pm – 10.30pm

Join us to network and celebrate the achievements of the rail industry. Featuring special guest and MC Cameron Daddo.

ARA members \$384 | Non members \$440

YELLOW DINNER  
PARTNER

**ALSTOM**

WOMEN IN RAIL  
BREAKFAST PARTNER

**MCCONNELL  
DOWELL**  
CREATIVE CONSTRUCTION™

GALA DINNER  
PARTNER

**SIEMENS**



# MEET OUR SPEAKERS

**Dr Kristen Ferguson**  
Leadership expert



Dr Ferguson is one of Australia's most prominent leadership experts. An award-winning author, columnist and company director, Kirstin is also making a global impact, with UK-based Thinkers50 naming her one of the world's top 30 "Thinkers to Watch". She was also shortlisted for the Distinguished Award in Leadership in 2021.

Kristin has been the CEO of a global consulting firm, Acting Chair and Deputy Chair of the Australian Broadcasting Corporation, a senior executive at a leading corporate law firm and spent nearly 10 years as an Officer in the Royal Australian Air Force.

Kirstin's second book, *Head & Heart: The Art of Modern Leadership* has been described by bestselling author Adam Grant as "A timely, actionable book on the virtues that every great leader needs to learn."

**Chris Riddell**  
Futurist



Chris is an award-winning global futurist and speaker on emerging trends in our hyper-connected world. He is a global pattern hunter, discovering and identifying how humans are adapting to high-speed change, unlocking insights for businesses and leaders in today's highly disrupted digital world.

Chris is a Strategic Advisor and Partner to the Australian Federal Police, providing real-time advice and insights into emerging trends and global drivers to inform strategy and capability development.

A global trailblazer, Chris Riddell has worked for some of the largest and most defining businesses and brands in our modern world. He was the first ever Chief Digital Officer (CDO) for MARS Incorporated, architecting the corporate digital strategy behind brands including Whiskas, Pedigree, Wrigley, Starburst, Masterfoods, Snickers and Maltesers.

**Nigel Holness**  
Former Managing Director, MTR Elizabeth Line



Nigel has over 35 years' experience in the rail industry and has worked in both the public and private sectors in the UK and overseas. Formerly Managing Director for MTR Elizabeth line, Nigel played a key role in getting the new line – which is the UK's most advanced digital railway – into service.

Nigel was also the Chief Executive Officer for Metro Trains Sydney where, following the opening of the North West Rail Link, Nigel worked in close partnership with Transport for New South Wales and the wider consortium to deliver exceptional operational reliability and customer service.

Nigel has previously worked in key roles at Transport for London and the London Underground.

# AUSRAIL PLUS OVERVIEW

## PRE-EVENT: Monday 13 November 2023

**Exhibitor bump in**  
10:00 - 19:00

**Welcome Drinks**  
17:00 - 18:30 | Venue: Sydney International Convention Centre

## DAY ONE: Tuesday 14 November 2023

06:30 - 17:30	<b>Registration and speaker support open</b>	
07:15 - 08:30	<b>Women in Rail Breakfast</b> Venue: Cockle Bay Room, ICC Sponsor: McConnell Dowell	
08:00 - 17:30	<b>AusRAIL PLUS exhibition open</b>	
08:45 - 10:30	<b>Welcome and opening plenary</b> Venue: Parkside Ballroom, ICC Sponsor: Beca	
09:00 - 16:30	<b>AusRAIL exhibition theatre presentations</b> Exhibition Theatre sponsor: Jacobs	
10:40 - 11:00	<b>First time attendees networking event</b> AusRAIL PLUS exhibition	
11:15 - 12:30	<b>Morning plenary</b> Venue: Parkside Ballroom, ICC Sponsor: Arup	
12:40 - 13:40	<b>Young Rail Professionals lunch</b> Venue: Cockle Bay Room, ICC	
13:45 - 15:00	<b>Concurrent sessions</b>	
	<ul style="list-style-type: none"> <li>Track</li> <li>Safety</li> <li>Sustainability</li> </ul>	<ul style="list-style-type: none"> <li>Signalling</li> <li>Diversity</li> </ul>
15:45 - 17:00	<b>Concurrent sessions</b>	
	<ul style="list-style-type: none"> <li>Workforce and skills</li> <li>Innovation</li> <li>Rolling stock</li> </ul>	<ul style="list-style-type: none"> <li>Asset management</li> <li>Passenger rail</li> </ul>
18:30 - 22:30	<b>Yellow Dinner</b> Venue: Grand Ballroom, ICC Sydney Sponsor: Alstom Special guest: Larry Emdur	

## DAY TWO: Wednesday 15 November 2023

07:30 - 19:00	<b>Registration and speaker support open</b>	
08:00 - 19:00	<b>AusRAIL PLUS exhibition open</b>	
08:30 - 10:25	<b>Morning plenary session</b> Venue: Parkside Ballroom, ICC	
09:00 - 17:30	<b>AusRAIL exhibition theatre presentations</b> Exhibition Theatre sponsor: Jacobs	
11:10 - 12:30	<b>Morning plenary</b> Venue: Parkside Ballroom, ICC	
13:45 - 15:00	<b>Concurrent sessions</b>	
	<ul style="list-style-type: none"> <li>Track</li> <li>Safety</li> <li>Sustainability</li> </ul>	<ul style="list-style-type: none"> <li>Technical</li> <li>TrackSAFE</li> </ul>
15:45 - 17:00	<b>Concurrent sessions</b>	
	<ul style="list-style-type: none"> <li>Workforce and skills</li> <li>Technology</li> <li>Passenger rail</li> </ul>	<ul style="list-style-type: none"> <li>Track / electrical</li> <li>Innovation</li> </ul>
17:00 - 19:00	<b>Exhibition networking drinks</b> Venue: AusRAIL Exhibition, ICC	

## DAY THREE: Thursday 16 November 2023

07:30 - 15:30	<b>Registration and speaker support open</b>	
08:00 - 16:00	<b>AusRAIL PLUS exhibition open</b>	
08:30 - 10:30	<b>Morning plenary session</b> Venue: Parkside Ballroom, ICC	
09:00 - 15:30	<b>AusRAIL exhibition theatre presentations</b> Exhibition Theatre sponsor: Jacobs	
11:15 - 12:45	<b>Morning plenary</b> Venue: Parkside Ballroom, ICC	
13:45 - 15:30	<b>Afternoon plenary</b> Venue: Parkside Ballroom, ICC	
15:30	<b>AusRAIL PLUS conference concludes</b>	
18:30	<b>AusRAIL PLUS Gala Dinner</b> Venue: Sydney Town Hall Sponsor: Siemens Mobility Special guest: Cameron Daddo	

# PROGRAM

## Pre-Event | Monday 13 November 2023

10:00 - 19:00	<b>Exhibitor bump in</b>
17:00 - 18:30	<b>Welcome Drinks</b> <i>Venue: Sydney International Convention Centre</i>

## Conference Day 1 | Tuesday 14 November

06:30 - 17:30	<b>Registration and speaker support open</b>
07:15 - 08:30	<b>Women in Rail breakfast</b> <b>Sponsored by McConnell Dowell</b> <i>Venue: Cockle Bay Room, ICC</i> <b>In conversation with Kat Stapleton</b> , <i>Chief Executive Officer, Queensland Rail</i>
08:00 - 17:30	<b>AusRAIL PLUS exhibition open</b>
08:45 - 10:30	<b>Welcome and opening plenary</b> <b>Theme: Setting the scene</b> <b>Sponsored by Beca</b> <i>Venue: Parkside Ballroom, ICC</i>
08:45 - 08:55	<b>Welcome to country + MC welcome</b>
08:55 - 09:05	<b>Opening Address</b> <b>Danny Broad</b> , Chair, Australasian Railway Association
09:05 - 09:20	<b>Ministerial address</b> <b>The Hon Jo Haylen MP</b> , Minister for Transport (NSW)
09:20 - 10:00	<b>Panel: The big picture - setting the national scene</b> <b>Chair: Caroline Wilkie</b> , Chief Executive Officer, Australasian Railway Association <b>Panellists:</b> <b>Kevin Doherty</b> , Group Director - Transport and Infrastructure, Beca <b>Paul Scurrah</b> , Chief Executive Officer, Pacific National <b>Wendy McMillian</b> , Regional Senior Vice President, South East Asia, Australia & New Zealand, Wabtech <b>Annabel Crookes</b> , Director, Laing O'Rourke
10:00 - 10:30	<b>Keynote</b> <b>Chris Riddell</b> , Futurist



## Conference Day 1 | Tuesday 14 November cont.

9:00 - 16:30	<b>AusRAIL exhibition theatre presentations</b> <i>Exhibition Theatre sponsored by Jacobs</i>
10:30 - 11:15	<b>Morning tea</b> <b>AusRAIL PLUS exhibition</b>
10:40 - 11:00	<b>First-time attendees networking event</b> <i>AusRAIL PLUS exhibition</i>
11:15 - 12:30	<b>Plenary session</b> <b>Theme: NZ &amp; East Coast Passenger rail updates</b> <b>Sponsor: Arup</b> <b>Chair: Alice Reis, Principal   Rail - Australasian Leader, Arup</b> <b>Venue: Parkside Ballroom, ICC</b>
11:15 - 11:30	<b>Peter Reidy</b> , Chief Executive Officer, KiwiRail
11:30 - 11:45	<b>Dr Sean Sweeney</b> , Chief Executive Officer, City Rail Link
11:45 - 12:00	<b>Matt Longland</b> , Chief Executive, Sydney Trains
12:00 - 12:15	<b>Raymond O'Flaherty</b> , Chief Executive Officer, Metro Trains Melbourne
12:15 - 12:30	<b>Kat Stapleton</b> , Chief Executive Officer, Queensland Rail
12:30 - 13:45	<b>Lunch break</b> <i>AusRAIL PLUS exhibition</i>
12:40 - 13:40	<b>Young Rail Professionals lunch</b> <b>Venue: Cockle Bay Room, ICC</b> <b>Guest speaker: Mehdi Sinaceur</b> , Deputy Chief Executive Officer, Senior Vice President - Americas, Asia-Pacific, South Africa and United Kingdom, RATP Dev
13:45 - 15:00	<b>Concurrent technical sessions</b>
15:00 - 15:45	<b>Afternoon tea</b> <i>AusRAIL PLUS exhibition</i>
15:45 - 17:00	<b>Concurrent technical sessions</b>
18:30 - 22:30	<b>Yellow Dinner</b> <b>Sponsored by Alstom</b> <b>Venue: Grand Ballroom, ICC</b> <b>Special guest: Larry Emdur</b>

## Conference Day 1 | Afternoon Concurrent Sessions | 13:45 - 15:00

	Track RTAA technical session	Safety	Sustainability	Signalling IRSE technical session	Diversity
13:45 - 14:10	<b>Mechanics of polymer railway sleepers</b> Aran Van Belkom, Technical Director, Lankhorst, Netherlands	<b>ONRSR update</b> <i>Speaker to be announced</i>	<b>A balanced approach to using biofuels to decarbonise freight rail</b> Chris Miller, Senior Director, Services Product Management, Wabtec, United States	<b>CBTC using 5G-Powered FRMCS (Future Mobile Radio Communications System)</b> Obaid Khan, Associate - Signalling Systems, Mott MacDonald, Australia Bahador Nayebifar, Principal Rail Systems Engineer, Aurecon Group, Australia	<b>What got us here won't get us there</b> Adam Winder, Industry Capability and Inclusion Manager, John Holland, Australia
14:10 - 14:35	<b>PORR slab track installation case study</b> Jefferson Fern, Head VFS Australia, Vossloh, Australia	<b>Integrating adaptive technologies to prevent train obstruction and intruder collisions and minimise biowashing</b> Stephen Howe, Director Engineering Solutions & Innovation, Level Crossing Removal Project, Australia	<b>The Sustainable Infrastructure Program at Transport for NSW</b> Mark Smith, Executive Director Advanced Technical Services, Transport For NSW, Australia	<b>Using Safety PLCs for rail signalling applications</b> Peter McGregor, Principal Standards & Systems Assurance Manager, JMD Railtech, Australia	<b>Breaking the glass ceiling in rail: strategies for attracting and retaining female talent</b> Carina O'Brien, Communications Lead, Siemens Mobility, Australia
14:35 - 15:00	<b>Streamlining railway design standards. Are we serious?</b> Jason Williams, Principal, Track and Civil, Aurecon, Australia	<b>Refreshing a just culture framework - from design to implementation</b> Christine Gardner, Senior Manager Safety Culture Delivery, Sydney Trains, Australia	<b>Enabling a circular economy for the rail industry</b> Rebecca Hendy, Sustainability Manager, McConnell Dowell, Australia	<b>The struggle applying standard solutions to unique railways</b> Richard Flaherty, Digital Train Control Lead, GHD, United Kingdom	<b>Unlocking our rail sector</b> Heather Walker, Principal Engineer, AECOM, Australia Nicole Wateman, Project Technical Leader, AECOM, Australia

## Conference Day 1 | Afternoon Concurrent Sessions | 15:45 - 17:00

	Workforce and skills	Innovation	Rolling stock	Asset management IRSE technical session	Passenger rail
15:45 - 16:10	<p><b>ARA workforce development brief</b></p> <p>Fiona Love, General Manager, Workforce Development, Australasian Railway Association</p> <p>Rowan Gawne, Senior Workforce Development Manager, Australasian Railway Association</p>	<p><b>Low footprint innovations to increase rail networks capacity for passenger and freight: a review of successful cases implemented in the past 30 years</b></p> <p>Julien Morizet, Senior Principal Rail Operations and Planning Consultant, WSP Australia Pty Ltd, Australia</p>	<p><b>Image recognition based train stopping location analysis</b></p> <p>Fanglue Hou, ICT and Integration Engineer, Downer, Australia</p>	<p><b>How drone LiDAR is being used in the asset management workflow for vegetation encroachment and drainage mapping.</b></p> <p>Zack Wasson, Chief Executive Officer, Diospatial, Australia</p>	<p><b>Interface problems in delivering an accessible railway</b></p> <p>Rob Lambert, Senior Business Manager, Monash Institute of Railway Technology, Australia</p>
16:10 - 16:35	<p><b>Using virtual reality technology to combat the rail skills crisis</b></p> <p>Schalk Pienaar, Chief Executive Officer, Nexefy, Australia</p>	<p><b>Digital rail Germany: Modernising rail infrastructure with data management and industry 4.0 technologies</b></p> <p>Jeniffer Hamon, Senior BIM Consultant, DB Engineering &amp; Consulting, Colombia</p>	<p><b>Building the next generation of trains and trams for Victoria</b></p> <p>Ian Shore, Acting Commercial Director, ANZ, Alstom, Australia</p>	<p><b>Modernising asset management</b></p> <p>Liam Nicholls, Asset Manager, Keolis Downer Adelaide</p>	<p><b>Developing an integrated multi modal transport model for trackwork and event planning</b></p> <p>Shaun Hudson, Director of Network Access, Sydney Trains, Australia</p>
16:35 - 17:00	<p><b>Case study of undergraduate engineers</b></p> <p>Stephen Chambers, Electrical Networks Delivery Manager, Metro Trains Melbourne, Australia</p>	<p><b>Change of behaviour about innovative technologies for controlling / operating railway signalling systems</b></p> <p>Montserrat Elbas Yague, Solution Architect, Siemens Mobility Pty Ltd, Australia</p>	<p><b>Extending the longevity of Melbourne's tram fleet</b></p> <p><i>Speaker to be announced soon</i></p>	<p><b>Safe and efficient rail corridor mapping - LiDAR and the rail industry</b></p> <p>Eleanor Chandler-Temple, Lidar Support Engineer, Riegl Australia</p>	<p><b>Enhancing passenger experience and operational efficiency through connected rail systems</b></p> <p>Nick Gurney, Telecommunications Director, BAI Communications, Australia</p>

## Conference Day 2 | Wednesday 15 November

07:30-19:00	Registration and speaker support open
08:00 - 19:00	AusRAIL PLUS exhibition open
08:30 - 10:25	<b>Plenary session</b> Venue: Parkside Ballroom, ICC
08:30 - 08:35	Welcome day 2
08:35 - 08:50	<b>Beyond speed: The impact of Japan's high-speed rail network</b> Masafumi Shukuri, Chairman, International High-Speed Rail Association
08:50 - 09:05	<b>High Speed Rail - Planning for Australia's Future</b> Andrew Hyles, Acting Chief Executive Officer, High Speed Rail Authority
09:05 - 09:45	<b>Keynote: Operational readiness and project integration - 7 deadly sins</b> Nigel Holness, Former Managing Director, MTR Elizabeth Line
09:45 - 10:25	<b>Panel: Interoperability</b> Chair: Tony Braxton-Smith, Managing Director, ADBRAX Services Panellists: Raphaelle Guerineau, Country CEO Australia and New Zealand, Siemens Mobility Carolyn Walsh, Chair and Commissioner, National Transport Commission Simon Ormsby, Group Executive Interstate Network, ARTC Patrick O'Donnell, Chief Operating Officer, Pacific National
09:00 - 17:30	<b>AusRAIL PLUS exhibition theatre presentations</b> <i>Exhibition Theatre sponsored by Jacobs</i>
10:25 - 11:10	<b>Morning tea</b> <i>AusRAIL PLUS exhibition</i>
11:10 - 11:40	<b>Plenary session</b> Theme: Building for the future Venue: Parkside Ballroom, ICC
11:10 - 11:40	<b>Panel: Contractors</b> Chair: Natalie Currey, General Manager Supply Chain, Australasian Railway Association Panellists: Treaven Martinus, Chief Executive Officer and Founder, Martinus Rail Steve Butcher, Executive General Manager Rail, John Holland Group Camilla Drover, Deputy Secretary, Transport for NSW Mark Dimmock, Acting Managing Director, Laing O'Rourke

## Conference Day 2 | Wednesday 15 November cont.

11:40 - 12:25	<b>Major project briefs</b>
11:40 - 11:55	Sydney Metro <b>Peter Regan</b> , Chief Executive Officer
11:55 - 12:10	Cross River Rail <b>Graeme Newton</b> , Chief Executive Officer
12:10 - 12:25	Rail Projects Victoria <b>Nicole Stoddart</b> , Chief Executive Officer
12:30 - 13:45	<b>Lunch break</b> <i>AusRAIL PLUS exhibition</i>
13:45 - 15:00	<b>Concurrent technical sessions</b>
15:00 - 15:45	<b>Afternoon tea</b> <i>AusRAIL PLUS exhibition</i>
15:45- 17:00	<b>Concurrent technical sessions</b>
17:00 - 19:00	<b>Exhibition networking drinks</b> <i>AusRAIL PLUS exhibition</i>

## Conference Day 2 | Afternoon Concurrent Sessions | 13:45 - 15:00

	Track RTAA technical session	Safety	Sustainability	Technical RTSA technical session	Diversity
13:45 - 14:10	<b>Optimising sustaining capital for formation renewals</b> Francois Heyns, Principal Rail Engineer, Jacobs, Australia	<b>MTM's Infrastructure Division: Industry</b> Jasper Milligan, General Manager - Infrastructure, Metro Trains Melbourne, Australia	<b>Decarbonisation of concrete - alternative strategies</b> Harish Srivastava, Director Civil Engineering, Transport for NSW, Australia	<b>Passenger rolling stock – from diesel to net zero</b> Shaun Robertson, Technical Director / NSW Rolling Stock Lead, Mott MacDonald, Australia  Bhevene Govender, Technical Director, Rail, Mott MacDonald, Australia	<b>Supporting the well-being of the rail workforce and best practice trauma management</b> Heather Neil, Executive Director, TrackSAFE Foundation
14:10 - 14:35	<b>Transforming competition into synergy – rail grinding and milling</b> Richard Stock, Global Head of Rail Solutions, Plasser Canada / Plasser American, Canada	<b>ARTC delivers an innovative approach to managing contractor safety</b> James Kennedy, Head of Safety and Environment MCP and E&S, ARTC, Australia	<b>Low-carbon rail - the role of green hydrogen</b> Richard Hickman, Principal – Project Management, Beca, Australia Ibrahim Faza, SYSTRA, Australia	<b>Advances in Artificial Intelligence and its application to rail</b> Mark Kraeling, Solutions Architect, Wabtec Corporation, USA	<b>Understanding and managing psychosocial risks in the workplace</b> Jim Kelly, Director of Health and Safe Design at SafeWork NSW
14:35 - 15:00	<b>Effect of shoulder ballast cleaning on drainage restoration</b> Franco Fanucci, Product Manager, Loram Maintenance Of Way, United States	<b>Review of level crossing collisions involving trains and heavy road vehicles in Australia</b> Angus Mitchell, Chief Commissioner and Chief Executive Officer, Australian Transport Safety Bureau, Australia	<b>What's the carbon delta? A case study on Pacific National's carbon forecasting model</b> Anitra Hobby, ESG Principal, Pacific National, Australia	<b>The future of rail: Transport Australia's discussion paper</b> Chris Baker, Senior Business Manager, Frazer-Nash Consultancy Ltd	<b>Creating a mentally safe working culture</b> Leon Ruri, Mental Well-being Consultant and Suicide Prevention Advocate

## Conference Day 2 | Afternoon Concurrent Sessions | 15:45 - 17:00

	Workforce and skills	Technology	Passenger rail	Track / electrical PWI technical session	Innovation
15:45 - 16:10	<b>Rail Industry Workforce Plan</b> Paul Walsh, Chief Executive Officer, Industry Skills Australia	<b>Lessons learned and proactive strategies for railway cybersecurity incident prevention and response</b> Martin Kunz Technical Sales Rail Cybersecurity, Siemens Mobility, Germany Lester Lim, Head, Digital Service Asia Pacific, Siemens Mobility, Asia Pacific	<b>Holding the line: Dealing with anti-social behaviour on public transport</b> James McMillan, Chief Safety Officer, Keolis Downer Yarra Trams, Australia	<b>Optimising routine maintenance at Sydney Trains through the applications of LiDAR data in infrastructure measurement and reporting</b> David Presley, Director, Agonics, Australia	<b>Development of automation innovation to transition Downer's maintenance capability to maintenance 4.00</b> Jason Zhou, Technology Strategy Engineer, Downer, Australia Kevin Tan, Engineering Manager - Asset Strategy, Downer, Australia
16:10 - 16:35	<b>An Alstom case study: Recruitment and retention challenges in rail</b> Pascal Dupond, Managing Director, Alstom Australia & New Zealand	<b>Weather monitoring - Risk mitigation and customer engagement through integrated early warning and active system management</b> Luke O'Neill, Regional Asset Manager North, Queensland Rail, Australia	<b>Planning railway and metro stations to effectively serve major events</b> Pietro Crovato, Transport Planning Technical Director, GHD, Australia	<b>A journey of using high-power vacuum excavation in UK - achieving minimal possession time and high productivity</b> Jonas Lindholm, Director, KingHill, Australia David Radlish, Track Maintenance, Network Rail, United Kingdom	<b>How the transformation of the first automatic line of Paris metro is a success</b> Henri Pottier, Vice President Asia-Pacific, RATP Dev, Singapore
16:35 - 17:00	<b>Creating a better tomorrow through tomorrow's leaders</b> Aman Mangat, People Manager, John Holland, Australia Esma Bragg, Site Engineer, John Holland, Australia	<b>Enhancing railway track monitoring and passenger comfort with in-service trains: A continuous and cost effective approach</b> Clive Roberts, Director of Birmingham Centre for Railway Research and Education, University of Birmingham, United Kingdom	<b>A community of passengers: 4 metros, 4 cities</b> Keith Allen, Principal, Hassell, Australia Kevin Lloyd, Principal, Hassell, Australia	<b>Rail integrity and squat defects</b> John McLeod, Transport for NSW, Australia	<b>Shaping the future of the Australian railway</b> Ravi Ravitharan, Director, Monash Institute of Railway Technology, Australia

## Conference Day 3 | Thursday 16 November 2023

07:30 - 15:30	Registration and speaker support open
08:00 - 16:00	AusRAIL PLUS exhibition open
08:30 - 10:30	<b>Plenary session</b> <b>Theme: Manufacturing and supply chain</b> <b>Venue: Parkside Ballroom, ICC</b>
08:30 - 08:35	<b>Welcome day 3</b>
08:35 - 08:55	<b>The ARTC agenda</b> <b>Wayne Johnson</b> , Acting Chief Executive Officer, ARTC
08:55 - 09:10	<b>The UK/AUS Free Trade Agreement and the impacts on rail exports and imports</b> <b>Lord Malcolm Offord</b> , Parliamentary Under Secretary of State (Minister for Exports) and Parliamentary Under Secretary of State, United Kingdom
09:10 - 09:30	<b>Keynote</b> <b>Jacqui Walters</b> , National Rail Manufacturing Advocate
09:30 - 09:50	<b>Applying robotics and AI technology to deliver smart maintenance in rail</b> <b>Pascal Dupond</b> , Managing Director, Alstom Australia & New Zealand
09:50 - 10:30	<b>Keynote: Head and heart: The art of modern leadership</b> <b>Kirsten Ferguson</b> , Leadership expert, best-selling author, columnist and company director
09:00 - 15:30	<b>AusRAIL exhibition theatre presentations</b> <i>Exhibition Theatre sponsored by Jacobs</i>
10:30 - 11:15	<b>Morning tea</b> <i>AusRAIL PLUS exhibition</i>
11:15 - 12:45	<b>Plenary session</b> <b>Theme: Sustainability</b> <b>Venue: Parkside Ballroom, ICC</b>
11:15 - 11:35	<b>Regulator brief: ONRSR</b> <i>Speaker to be announced</i>
11:35 - 11:55	<b>The Australian Government's Transport and Infrastructure Net Zero Roadmap</b> <b>Ian Porter</b> , Strategic Advisor, Net Zero, Commonwealth Department of Infrastructure
11:55 - 12:35	<b>Panel: Net Zero</b> <b>Chair: Chair to be announced</b> <b>Panellists:</b> <b>Kylie Hargreaves</b> , Chief Sustainability Officer, National Intermodal <b>Julia Hinwood</b> , Director Infrastructure, Clean Energy Finance Corporation <b>Mark Lusic</b> , Global Decarbonisation and Sustainability Skills Lead, Arup



## Conference Day 3 | Thursday 16 November 2023 cont.

12:35 - 12:45	<b>Rail Industry worker program update</b> <b>Emma Woods</b> , Chief Operating Officer, Australasian Railway Association
12:45 - 13:45	<b>Lunch break</b> <i>AusRAIL PLUS exhibition</i>
13:45 - 15:30	<b>Plenary session</b> <b>Venue:</b> <i>Parkside Ballroom, ICC</i>
13:45-14:00	<b>National Rail Action Plan: The national goal of interoperability</b> <b>Michael Hopkins</b> , Chief Executive Officer and Commissioner, National Transport Commission
14:00 - 14:15	<b>In conversation: Talking about social responsibility</b> <b>Chair:</b> <b>Joeley Pettit</b> , Director Corporate Affairs and Sustainability, Australasian Railway Association <b>Panellists:</b> <b>Sue Robinson</b> , Technical Director - Sustainability and Climate, GHD <b>Sharon Gray</b> , Group Manager, Diversity, Indigenous and Social Inclusion, CPB Contractors
14:15 - 14:55	<b>Panel: Light rail</b> <b>Chair:</b> <i>To be announced</i> <b>Brian Brennan</b> , Chief Executive Officer, Transdev Australasia <b>Phil Mumford</b> , GoldLinQ, Gold Coast <b>Duncan Edghill</b> , Chief Executive Officer, ALTRAC Light Rail <b>Carla Purcell</b> , Chief Executive Officer, Yarra Trams
14:55 - 15:25	<b>The Great Debate</b> <b>High Speed Rail - Now or never?</b> <i>Debate team to be announced</i>
15:25 - 15:30	<b>Closing remarks</b> <b>Caroline Wilkie</b> , Chief Executive Officer, Australasian Railway Association
15:30	<b>AusRAIL PLUS conference concludes</b>
18:30 - 22:30	<b>AusRAIL PLUS Gala Dinner</b> <b>Sponsored by Siemens Mobility</b> <b>Venue:</b> <i>Sydney Town Hall</i> <b>Special guest:</b> <b>Cameron Daddo</b>

# HOW TO REGISTER

The three-day conference program features more than 100 local and international speakers sharing insights and trends shaping the industry.

ARA Member Registration Rates	Early registrations Until 13/10/23	Late registrations From 14/10/23
Full registration - ARA member	\$1,895.00	\$2,395.00
Full registration - ARA member - Young Professional	\$1,235.00	\$1,735.00

Non member	Early registrations Until 13/10/23	Late registrations From 14/10/23
Full registration - non member	\$2,555.00	\$2,955.00

Group Registration - available to ARA members only	Early registrations Until 13/10/23	Late registrations From 14/10/23
Full registration - 10-19 attendees	\$1,595.00	\$2,095.00
Full registration - 20+ attendees	\$1,495.00	\$1,995.00

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