

AusRAIL PLUS

CONFERENCE & EXHIBITION

BRISBANE | 30 NOV-02 DEC 2021



PRE-CONFERENCE | Monday 29 November 2021

4.00pm – 6.00pm Welcome Reception | Brisbane Convention & Exhibition Centre (BCEC)

CONFERENCE DAY ONE | Tuesday 30 November 2021

Great Halls 1&2

08:30 Welcome and safety briefing

08:40 Welcome to country

08:55 **ARA Welcome**
Danny Broad, Chair, Australasian Railway Association (ARA)

09:00 **KEYNOTE | Premier's Address**

09:15 **KEYNOTE | Political and economic forecast of the future trends impacting the industry**
Saul Eslake, Economist

09:55 **QLD: Cross River Rail**

10:15 **MORNING NETWORKING | Exhibition Halls**

11:00 **QLD KEYNOTE | Queensland Rail Address**

11:20 **QLD KEYNOTE | Aurizon Address**

11:40 **INDUSTRY PANEL | What can rail learn from the aviation industry?**
Facilitator: Caroline Wilkie, Chief Executive Officer, **Australasian Railway Association (ARA)**
Suzanne Holden, Chief Customer Officer & Deputy Chief Executive, **Sydney Trains**
Rob Sharp, Secretary, **Transport for NSW**
Stay tuned – more panellists to follow

12:30 **LUNCH AND NETWORKING | Exhibition Halls**

PASSENGER RAIL Hospitality Suite 2	ASSET MANAGEMENT Hospitality Suite 1	RAIL FREIGHT & HEAVY HAUL Great Halls 1&2	TRACK (RTAA) Advances in track technology Mezzanine M3	SIGNALLING (IRSE) Mezzanine M4
13:55 Welcome from Chair Simon Bourke, <i>General Manager Policy and Advocacy, Australasian Railway Association (ARA)</i>	13:55 Welcome from Chair	13:55 Welcome from Chair Georgia Nicholls, <i>General Manager Rail Freight, Australasian Railway Association (ARA)</i>	13:55 Welcome from Chair	13:55 Welcome from Chair
14:00 Delivering customer-focused train services in Adelaide Robert Tatton-Jones, <i>Managing Director, Keolis Downer Adelaide</i>	14:00 Innovative real-time condition monitoring technology to improve benchmark railway operations Tony Lee, <i>Operations Director, MTR Corporation Limited</i> Ravi Ravitharan, <i>Director, Monash Institute of Railway Technology</i>	14:00 <i>Stay tuned</i>	14:00 Leniter floating rail system as a cost-effective alternative to floating slab track Terry Cooper, <i>Managing Director, Trelleborg Applied Technologies</i>	14:00 Power resilience for signalling systems Jeff Wimberley, <i>Business Relationships Manager, CommTel Network Solutions</i>
14:30 Managing rail operations during times of network transformation Brad Parsons, <i>Program Disruptions and Passenger Experience Manager, Metro Trains Melbourne</i> Tarik Kiki, <i>LXRP Disruption Planning Manager, Metro Trains Melbourne</i>	14:30 The digital transformation of track maintenance machines Howard Groom, <i>Manager, Technical Services, Plasser Australia</i> Fabian Hansmann, <i>Senior Scientific Advisor for Railroad Engineering, Plasser & Theurer</i>	14:30 Enabling the transformation of heavy haul rail through digital twin technology Gerard Francis, <i>Global Head of Real Assets, Willow</i>	14:30 Induction rail welding – The future welds Jean-Pierre Mornac, <i>Manager, VFC Engineering</i>	14:30 Ultra-wideband positioning in communications-based train control applications and beyond Aaron Whittemore, <i>Director of Product and Strategy, Humatics</i>
15:00 Managing transport public private partnerships – What is the role of the asset owner? Jo Dawson, <i>Executive Branch Manager Light Rail Operations, Transport Canberra & City Services</i>	15:00 Sustainable asset management: Decommissioning end-of-life railway rollingstock Himanshu Jindal, <i>Engineering Manager Bids, Downer</i>	15:00 Development and implementation of Melbourne’s Port Rail Shuttle Network in an integrated logistics network Steve Manders, <i>Manager, Logistics and Supply Chain Consulting, Jacobs</i> Andrew Newman, <i>Director, Ports, Freight and Intermodal, Freight Victoria</i>	15:00 A quantitative risk-based approach to derailment containment on elevated structures Mark Pearce, <i>Technical Director – Rail, WSP</i>	15:00 Addressing a shift in network priorities when deploying new train control technologies James Frost, <i>Senior Consultant, PalazziRail</i>

15:30 AFTERNOON NETWORKING | EXHIBITION HALLS

PASSENGER RAIL Hospitality Suite 2	ASSET MANAGEMENT Hospitality Suite 1	RAIL FREIGHT & HEAVY HAUL Great Halls 1&2	TRACK – RTAA Building and maintaining a better track Mezzanine M3	SIGNALLING (IRSE) Mezzanine M4
15:55 Welcome from Chair Simon Bourke, <i>General Manager Policy and Advocacy, Australasian Railway Association (ARA)</i>	15:55 Welcome from Chair	15:55 Welcome from Chair Georgia Nicholls, <i>General Manager Rail Freight, Australasian Railway Association (ARA)</i>	15:55 Welcome from Chair	15:55 Welcome from Chair
16:00 How employee and customer experience are unequivocally linked and how to leverage that connection for better network outcomes Yvette Mihelic, <i>Director Customer Experience Rail, John Holland</i> Jarrod McCorkell, <i>General Manager, Rail People, John Holland</i>	16:00 Whistling a symphony: Why collaboration is key to success in rolling stock overhaul projects Nathan Cartwright, <i>Governance and Assurance Manager, Downer</i> Shane Triggs, <i>Electrical Engineer, Queensland Rail</i>	16:00 Rail freight productivity research report John Anderson, <i>Chair, The Australasian Centre for Rail Innovation (ACRI)</i>	16:00 Circular economy in track infrastructure Rhidian Howells, <i>Senior Engineer – Track Lead, Arup</i> Phil Brunson, <i>Senior Engineer, Arup</i>	16:00 Implementing CBTC in a brownfields site: A first for Melbourne and Australia Simon MacMull, <i>Integration Manager, Rail Systems Alliance</i> Ferry Ferry, <i>Initial Implementation Project Manager, Rail Systems Alliance</i>
16:30 Managing trespassers on Melbourne’s rail network – A collaboration between Metro Trains Melbourne and Victoria Police Adrian Rowland, <i>General Manager Safety Operations, Metro Trains Melbourne</i>	16:30 Overview of NPC and joint presentation on the implementation of i-TRACE on the METRONET project	16:30 Panel Response to rail freight productivity research report Andrew Thomson, <i>Chief Commercial Officer, Pacific National</i> Euan Morton, <i>Principal, Synergies Economic Consulting</i> <i>Stay tuned – more panellists to follow</i>	16:30 The correlation between grinding and surface-initiated defects Carlos Valente, <i>Rail Asset Integrity Leader, Queensland Rail</i>	16:30 Interoperability between new network control systems. Is this the biggest challenge currently facing our national rail network, and how can we possibly resolve it? Bill Palazzi, <i>Director, PalazziRail</i>
17:00 Long-term planning of rail networks: could some best practices from Switzerland apply to Australia? Julien Morizet, <i>Principal Rail Operations and Planning Consultant, WSP</i>	17:00 Rapid recovery in heavy overhauls: Turning around a moribund program Kieran Navin, <i>Principal Program Manager, Yarra Trams</i>		17:00 On the value of clean railway ballast Dr James Hyslip, <i>Chief Engineer, Loram Technologies</i>	17:00 Setting speeds for ATO – How many metros have thrown away potential operational performance Gabriel McGowan, <i>Rail Business Leader NSW & ACT, Arup</i>

CONFERENCE DAY TWO | Wednesday 1 December 2021
Great Halls 1&2

08:50 **Safety briefing**

09:00 **Welcome & ARA Address**

Caroline Wilkie, Chief Executive Officer, **Australasian Railway Association (ARA)**

RAIL PROJECT UPDATES

09:20 **VIC: Rail Projects Victoria**

Evan Tattersall, Chief Executive Officer, **Rail Projects Victoria**

09:40 **VIC: Suburban Rail Loop**

10:00 **NSW: Sydney Metro**

10:20 **WA: Metronet**

10:40 **National: Inland Rail**

Senior Executive, **Inland Rail**

11:00 MORNING NETWORKING | Exhibition Halls

11:30 **INTERNATIONAL KEYNOTE**

12:00 **KEYNOTE | The national infrastructure challenge**

Romilly Madew AO, Chief Executive Officer, **Infrastructure Australia**

12:20 **INDUSTRY PANEL | The need to change procurement in major infrastructure**

Facilitator: Natalie Currey, General Manager Supply Chain, **Australasian Railway Association (ARA)**

Michael Kilgariff, Chief Executive Officer, **Roads Australia**

Jon Davies, Chief Executive Officer, **Australian Constructors Association**

Nicola Grayson, Chief Executive Officer, **Consult Australia**

Romilly Madew AO, Chief Executive Officer, **Infrastructure Australia**

13:00 LUNCH AND NETWORKING | Exhibition Halls

13:55 Afternoon Concurrent Sessions

SAFETY Great Halls 1&2	HYDROGEN Mezzanine M3	ROLLINGSTOCK - RTSA Mezzanine M4	TRACK - PWI Hospitality Suite 1	PEOPLE, SKILLS & WORKFORCE DEVELOPMENT Hospitality Suite 2
13:55 Welcome from Chair Simon Bourke, <i>General Manager Policy and Advocacy, Australasian Railway Association (ARA)</i>	13:55 Welcome from Chair Joeley Pettit, <i>Director Corporate Affairs & Corporate Services, Australasian Railway Association (ARA)</i>	13:55 Welcome from Chair	13:55 Welcome from Chair	13:55 Welcome from Chair Fiona Love, <i>General Manager Workforce, Australasian Railway Association (ARA)</i>
14:00 Update from the Office of the National Rail Safety Regulator Sue McCarrey, <i>Chief Executive Officer, Office of the National Rail Safety Regulator (ONRSR)</i>	14:00 Hydrogen trains: Driving sustainability and underpinning the rail industry's future Alan de Reuck, <i>Director Strategic Projects, Alstom</i>	14:00 Melbourne's High Capacity Metro Trains Project: A look into Victoria's most accessible design on the network Natalie Bond, <i>General Manager Technical - HCMT Downer</i>	14:00 Moorgate Branch Bullhead Rail Resilience Liam Turbet, <i>Technical Manager, Delkor Rail</i>	14:00 ARA Workforce development activities Fiona Love, <i>General Manager Workforce, Australasian Railway Association (ARA)</i>
14:30 Update from the Rail Industry Safety and Standards Board Deborah Spring, <i>Chief Executive Officer, Rail Industry Safety and Standards Board (RISSB)</i>	14:30 Getting Australasia ready for hydrogen in rail Jane Gillespie, <i>Rail Team Lead, Victoria, Arup</i>	14:30 AS7501 and compliance certification – not just ticking boxes Michael Horgan, <i>Principal Consultant, SNC-Lavalin Atkins</i>	14:30 Panel Track Slab – past, present and future <i>Stay tuned</i>	14:30 PANEL The National Rail Action Plan (NRAP): National Rail Skills Hub tracks to success <i>Stay tuned</i>
15:00 Dreamworld Accident Inquiry: A reflection for the rail industry Hannah Seater, <i>Senior Risk & Assurance Advisor, Metro Trains Melbourne</i>	15:00 Can hydrogen replace diesel? Frank Szanto, <i>Design Authority, Downer</i>	15:00 The use of virtual reality for the early design of trains Jorge Martin Gistau, <i>Project Manager, Transport for NSW</i>	15:00 Sydney Metro - Sydenham Station and Junction Upgrade <i>Stay tuned</i>	

15:30 AFTERNOON NETWORKING | Exhibition Halls

15:55 Afternoon Concurrent Sessions

SAFETY - ONRSR Great Halls 1&2	SUSTAINABILITY Mezzanine M3	RAIL SERVICES TECHNOLOGY - RTSA Mezzanine M4	SUPPLY CHAIN Hospitality Suite 1	PEOPLE, SKILLS & WORKFORCE DEVELOPMENT Hospitality Suite 2
15:55 Welcome from Chair Simon Bourke, <i>General Manager Policy and Advocacy, Australasian Railway Association (ARA)</i>	15:55 Welcome from Chair Joeley Pettit, <i>Director Corporate Affairs & Corporate Services, Australasian Railway Association (ARA)</i>	15:55 Welcome from Chair	15:55 Welcome from Chair Natalie Currey, <i>General Manager Supply Chain, Australasian Railway Association (ARA)</i>	15:55 Welcome from Chair Fiona Love, <i>General Manager Workforce, Australasian Railway Association (ARA)</i>
16:00 <i>Stay tuned</i>	16:00 How to set and achieve a net zero carbon target for moving people and goods on Australia's railways Renene Windsor, <i>Energy Leader, NSW & ACT, Aurecon</i>	16:00 Internet of things? No internet of trains! Mark Kraeling, <i>Solutions Architect, Wabtec</i>	16:00 The Rail Manufacturing in Queensland Strategy	16:00 RIW – How a smart card it is strengthening on site safety and accountability. power & electrical <i>Stay tuned</i>
16:30 <i>Stay tuned</i>	16:30 Encouraging the adoption of low emission building materials on Inland Rail – lessons learnt Georgia Gosse, <i>Sustainability Manger, Inland Rail, ARTC</i> Ryan Roberts, <i>R&D Innovation Manager, Humes Concrete</i>	16:30 ATMS - An update Damien White, <i>Group Executive, Safety, Engineering and Technology, ARTC</i>	16:30 <i>Stay tuned</i>	16:30 <i>Stay tuned</i>
17:00 <i>Stay tuned</i>	17:00 From risks to resilience: Black swan and climate risks and adaptation in the rail sector Craig Clifton, <i>Global Technology Leader, Resilience and Climate Change, Jacobs</i>	17:00 AVLC Systems for trams – The power you never knew you had David Panter, <i>Industry Solutions Manager – Intelligent Transport Systems, Trapeze Group</i>	17:00 Market Capacity Report Peter Colacino, <i>Chief Policy & Research, Infrastructure Australia</i>	17:00 Achieving a step-change in employee engagement to drive value creation Marianne Murray-Brown, <i>GM People & Culture, Transdev Auckland</i>

17:30 End of Day Two Conference

18:30-21:00 RTAA Yellow Dinner | BCEC

08:50 **Safety briefing**

09:00 **Welcome and ARA Chair Address**
Danny Broad, Chair, **Australasian Railway Association (ARA)**

09:10 **KEYNOTE | Orange Sky Australia**

09:50 **INTERNATIONAL KEYNOTE**

10:10 **KEYNOTE | Mark Coxon, Managing Director, Alstom**

10:30 MORNING NETWORKING | Exhibition Halls

11:15 **KEYNOTE**
Kitty Chiller AM, former modern pentathlete Olympian and 2016 Olympics Chef de Mission, Leadership and Culture Expert

11:45 **INDUSTRY PANEL | How we do meaningfully tackle diversity in the rail sector?**
Facilitator: Jane Gillespie, Rail Team Lead, Victoria, **Arup**
Steve Butcher, Executive General Manager – Rail, **John Holland Group**
Caroline Wilkie, Chief Executive Officer, **Australasian Railway Association (ARA)**
Claire Pierce, Vice President, Sales, Australia and New Zealand, **Wabtec Corporation**
Julie Mitchell, Deputy Director General, Policy, Planning and Investment, **Department of Transport and Main Roads, Queensland**
Joanne Wust, Chief Executive Officer, **4Tel**

12:30 **YOUNG RAIL PROFESSIONALS PITCHING COMPETITION**

13:00 LUNCH AND NETWORKING | Exhibition Halls

14:15 **INDUSTRY PANEL | Re-engaging customers in a post-COVID environment**
Facilitator: Yvette Mihelic, Director Customer Experience, **John Holland Group**
Magda Robertson, General Manager, **Torrens Connect**
Tilly Loughborough, Customer General Manager, **Metro Trains Melbourne**
Peter Lensink, Managing Director, **Transdev Auckland**
Raphaëlle Guerineau, Chief Executive Officer, **Siemens Mobility Australia and New Zealand**
Stay tuned – more panellists to follow

15:05 **INDUSTRY PANEL | Sustainability**
Facilitator: Joeley Pettit, Director Corporate Affairs & Corporate Services, **Australasian Railway Association (ARA)**

Stay tuned – panellists to follow

15:55 **Close of conference**

18:30-21:00 Gala Dinner | BCEC
