AUSTRALASIAN RAILWAY ASSOCIATION

AusRAIL LIVE & ON DEMAND
1-3 DEC 2020

PROGRAM

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WELCOME TO AUSRAIL LIVE & ON DEMAND

We are delighted to share the AusRAIL Live & On Demand program with you.

The 2020 event will bring all the best of AusRAIL direct to your home and office, with more access to content than ever before. I am really proud of the expanded, three-day program the team has put together for you, bringing rail industry leaders from across Australia, New Zealand and beyond straight to your desktop and tablet.

Our industry has adapted to a new reality in 2020 that has changed how we work in big and small ways. AusRAIL Live & On Demand is your chance to hear how those at the forefront of the industry are evolving their operations, and what they are looking forward to as we prepare for a new year.

I have no doubt you will find the breadth of speakers and issues we will cover to be extremely valuable, no matter what your role in the rail industry is. Special thanks to RTAA, RTSA and IRSE for their support in creating some of our concurrent session streams again this year.

Of course, AusRAIL has always been as much about the exhibition and the chance to network and share with your peers as it has been about the outstanding content. We have been working hard behind the scenes to provide an online platform that delivers those features in a new way this year.

The online exhibition will be a space where you can view live demos, have 1:1 meetings with the people that matter most to you and view marketing collateral and videos posted by our exhibitors. For the exhibitors, the AI technology that powers AusRAIL Live & On Demand will give you greater insights on what people are interested in and who you should be talking to.

I encourage you to make use of the extended access to the platform to get the most from AusRAIL Live & On Demand this year. Start your networking a month before the event and enjoy your continuing access to presentations and exhibition materials for three to six months after.

I look forward to seeing you at AusRAIL Live & On Demand.

Caroline Wilkie
Chief Executive Officer
Australasian Railway Association

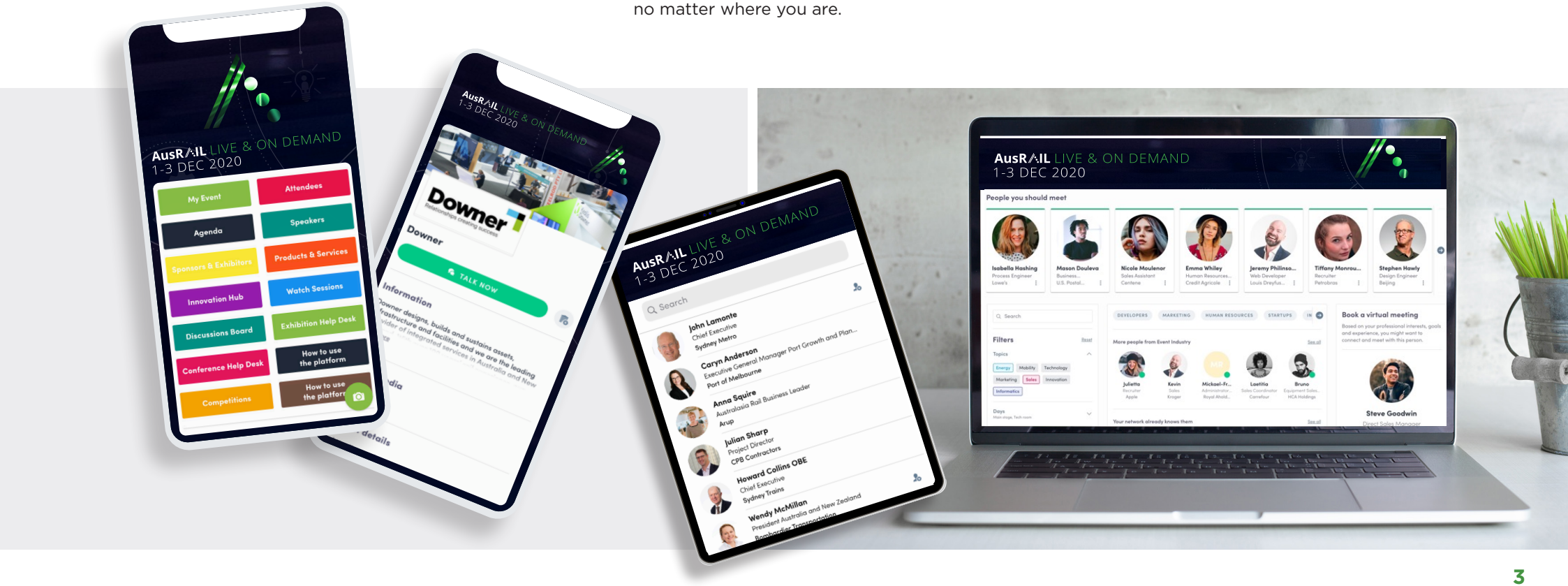
INTRODUCING YOUR AUSRAIL LIVE & ON DEMAND PLATFORM

AusRAIL Live & On Demand brings the rail industry right to your door, giving you access to more content than ever before over our expanded three-day program.

Join us to hear from industry leaders from across Australia, New Zealand and beyond as we discuss how the year has shaped our work and the opportunities that lay ahead.

Our live and on demand format means you can livestream presentations as they happen or go back and watch them later on demand. With three months of access after the event – and six months for ARA members – this is your professional development opportunity for 2020 and beyond.

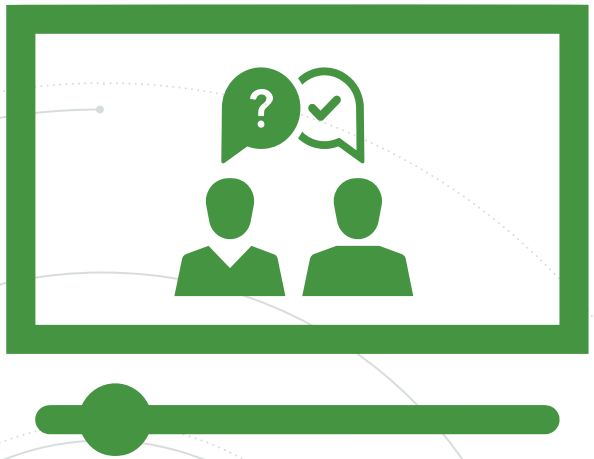
Whether you are joining us from your desktop or while you are on the move, make the most of this opportunity to take part in interactive sessions and view the online exhibition no matter where you are.



NEW STREAMS OFFERING MORE CONTENT THAN EVER BEFORE

Our expanded three-day program is bringing you new content, more expert speakers and greater access to the best ideas our industry has to offer than ever before.

Take advantage of our new streams by watching them live as they happen, or catch up later on demand.



ARA members have six months of continuing access to presentations after AusRAIL Live & On Demand, giving you plenty of time to make the most of the huge range of content on offer.

New streams on offer in 2020

- Accessibility
- Asset management
- Contractors
- Freight and ports
- Heavy haul
- Industry
- Infrastructure projects
- Light rail
- Passenger transport
- Rail suppliers
- Supply chain
- Sustainability
- Technology
- Workforce

More reasons to attend AusRAIL Live & On Demand

Delivered straight to your home or office

Forget the travel and accommodation costs and take part direct from your laptop, tablet or mobile device, no matter where you are

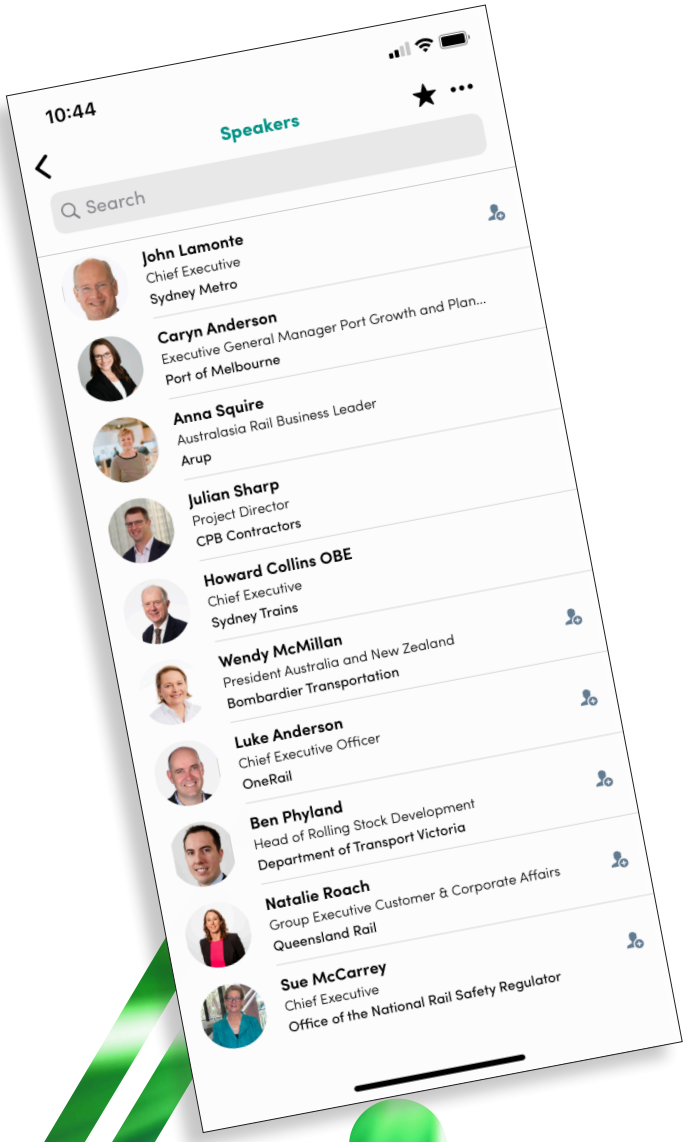
Live and on demand

Watch events as they happen or catch up on demand so you never miss a session

Engage with our expert presenters

Make the most of interactive sessions and live Q&As to connect with key speakers

TAILOR YOUR AUSRAIL EXPERIENCE LIKE NEVER BEFORE



AusRAIL Live & On Demand gives you the power to tailor your event experience to meet your own professional development goals. Make the most of your time on the platform – both during the event and for months after.

Make the most of your AusRAIL experience

1. Build your own agenda

Browse sessions and bookmark the ones you want to attend so you don't miss a thing.

2. Watch events as they happen

Tune into presentations as they happen, with the platform's autoplay feature taking you straight to the next presentation when your session ends.

3. See who is online

View the names of speakers, exhibitors and attendees bookmarked for the session to find like-minded people at the event.

4. Chat with speakers, exhibitors and delegates

Make the most of live chat features in our live sessions, by asking questions and taking part in polls. You can post messages or connect with someone directly through the chat function.

Enjoy more content, live and on demand

Your AusRAIL Live & On Demand pass gives you continuing access to content long after the event is over. Take advantage of presentations as they happen, or catch up later on demand to make the most of this professional development opportunity.

- 190+ presentations and panels LIVE & ON DEMAND
- 150+ expert speakers
- Full access to our online exhibition, including technical information and product demonstrations
- Pre and post networking sessions including 1:1 video meetings, live discussions and polls for up to six months
- All approved papers, abstracts and technical content available to download

BRING YOUR AUSRAIL EXPERIENCE TO LIFE WITH NEW ONLINE FEATURES

Our dedicated online platform provides new opportunities for you to connect, network and share with your industry colleagues. Take advantage of all the platform has to offer to bring your AusRAIL experience to life.

Matchmaking with AI	The platform's AI-powered matchmaking will send you connection suggestions of relevant people to meet.
Filter search	You can easily find interesting people based on your search criteria with advanced filters.
Connect with someone, send a message or meeting request	Seen someone you want to chat to? Send them a connection request, a private message and a meeting request in one of their available slots.
Video calls	You can have a video meeting with anyone during the event. Take the time to catch up one on one to discuss new business opportunities.
View sponsor and exhibitor profiles	Interested in a sponsor or exhibitor? You can see the company's details, products and services, documents and videos as well as any sessions they sponsor or participate in on their profile.
Add to bookmarks, connect with an exhibitor or request a meeting	If you want to save a compnay's profile and go back to it later, you can add it to your bookmarks. You can also connect with sponsors and exhibitors and request a meeting with someone from their team.
Personalise your experience with the "My Event" features	Save your new connections and create a wishlist for products and services you want to buy later.

2020 PARTNERS AND EXHIBITORS

Thank you to our partners, sponsors and exhibitors for making AusRAIL Live & On Demand possible. We are delighted to confirm Downer as our platinum sponsor once again this year.

Look out for all our partners, sponsors and exhibitors at AusRAIL in 2020!

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2020 EXHIBITORS

LOOK OUT FOR OUR OTHER EXHIBITORS AT AUSRAIL LIVE & ON DEMAND

For more information on remaining sponsorship, exhibition and advertising opportunities, please contact:

Deborah Bocock at
Deborah.bocock@informa.com.au
or call her on +61 (0)410689476

PREMIUM EXHIBITORS

AUSTRALASIAN RAILWAY ASSOCIATION

Holland

LINMAG Rail service by milling and grinding

LUMINATOR TECHNOLOGY GROUP

SPENO

Trapeze™ Here for the journey

EXHIBITORS

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AUTECH RAIL MAINTENANCE REVOLUTION

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hyt HYT ENGINEERING CO. PVT. LTD.

HBV HARRYBILT ENGINEERING

INFRA STRUCTURE

IRSE Institution of Railway Signal Engineers AUSTRALASIAN SECTION

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MEET OUR FEATURED SPEAKERS

We have an outstanding line up of local and international speakers presenting at AusRAIL Live & On Demand. Do not miss your chance to hear from our featured keynote speakers.

Watch this space for more speaker announcements!

Andy Byford, Commissioner, Transport for London (TfL)

Andy Byford is a transport professional whose thirty-year career has spanned three continents. Andy joined London Underground in 1989 as a uniformed Station Foreman before working his way up to General Manager of the Bakerloo, Central and Victoria Lines. After a spell as Operations and Safety Director of two mainline train operating companies, Andy's career took him to Sydney as Chief Operating Officer of Australia's largest railway network then on to Canada where he headed up the Toronto Transit Commission. Most recently, Andy served as President of New York City Transit, the busiest and largest transit system in North America.

Mark Wild, Chief Executive Officer, Crossrail

Mark has had more than 30 years' experience leading complex and critical infrastructure. A chartered electrical engineer he started his career in the electricity sector, but the majority of his experience has been in transportation. He has had a long career in operating and building major transportation infrastructure. He is the former Managing Director of Westinghouse Signals and was the CEO of Public Transport Victoria. Mark has also been the Managing Director of London Underground. In December 2018 he was appointed CEO of Crossrail, Europe's largest infrastructure project.

Joshua Schank, Chief Innovation Officer, Los Angeles County Metropolitan Transportation Authority (LA Metro)

Joshua L. Schank is the first ever Chief Innovation Officer at the Los Angeles County Metropolitan Transportation Authority (LA Metro), where he leads the Office of Extraordinary Innovation (OEI). The role of this office is to champion new ideas to improve mobility in LA County by informing the high-level vision for LA Metro, piloting and implementing new and experimental programs and policy.

Peter Mersi (NZ)
Chief Executive, Ministry of Transport, New Zealand Government

Nicolas Massart
Project Director, Grand Paris Express, SYSTRA

Terry Wong
Chief Executive Officer – Australian Business, MTR Corporation

Suzanne Holden
A. Chief Executive Officer, Sydney Trains

Dr Sean Sweeney
Chief Executive Officer, City Rail Link, New Zealand

Becky Woods
Global Service Leader – Rail & Mass Transit, Aurecon

Richard Ballantyne
Chief Executive, British Ports Association

Darren Caplan
Chief Executive, Railway Industry Association

Luke Anderson
Chief Executive Officer, One Rail Australia

Lisa Stabler (USA)
President, Transportation Technology Center (TTCI); Chair: United States of America, International Heavy Haul Association (IHHA)

AUSRAIL PROGRAM

NEW | FACE-TO-FACE COVID-FRIENDLY NETWORKING EVENTS CONFIRMED!

SEE PAGE 18 FOR ALL THE DETAILS

DAY ONE: TUESDAY 1 DECEMBER 2020

09:00 - 17:00	**Meet the sponsors and exhibitors**

PLENARY SESSION 1

09:30 - 09:40	**Acknowledgment of Country**
09:40 - 09:45	**Welcome to AusRAIL 2020** **Caroline Wilkie**, *Chief Executive Officer, Australasian Railway Association (ARA)*
09:45 - 09:47	**Welcome by Downer - Platinum Sponsor Address** **Tim Young,** *Executive General Manager Rollingstock Services, Downer Group*
09:47 - 09:52	**Welcome to AusRAIL 2020** **The Hon Michael McCormack MP**, *Minister for Infrastructure, Transport and Regional Development*
09:52 - 10:05	**ARA and industry update** **Caroline Wilkie**, *Chief Executive Officer, Australasian Railway Association (ARA)*
10:05 - 10:25	Keynote: **Driving economic growth in the rail freight sector** **Mark Campbell**, *Manager Director and Chief Executive, Australian Rail Track Corporation (ARTC)*
10:25 - 11:15	Panel: **2020 - Didn't see that coming** **Facilitator: Caroline Wilkie**, *Chief Executive Officer, Australasian Railway Association (ARA)* **Julien Dehornoy**, *Chief Executive Officer, Yarra Trams* **Howard Collins OBE**, *Chief Operations Officer, Greater Sydney, Transport for NSW* **Caryn Anderson**, *Executive General Manager Port Growth and Planning, Port of Melbourne* **Dr Sean Sweeney,** *Chief Executive Officer, City Rail Link, New Zealand* **Wendy McMillan**, *President Australia and New Zealand, Bombardier Transportation* **Raymond O'Flaherty**, *Chief Executive Officer, Metro Trains Melbourne*
11:15 - 11:40	Keynote: **Rail - Driving sustainable innovation and customer service to keep cities moving** **Terry Wong**, *Chief Executive Officer - Australian Business, MTR Corporation*

11:40 - 12:00	Break - Visit our sponsors and exhibitors				
DAY 1: TUESDAY 1 DECEMBER 2020 (continued)					

CONCURRENT SESSIONS

	Session A1	Session A2	Session A3	Session A4	Session A5
Topic	**SAFETY REGULATION**	**RAIL TRACK**	**FREIGHT & PORTS**	**SUPPLY CHAIN**	**INDUSTRY**
Hosted by: Chairperson:			**Simon Bourke** *General Manager - Policy, Research & Advocacy, Australasian Railway Association (ARA)*	**Natalie Currey** *General Manager - Suppliers and Workforce Programs, Australasian Railway Association (ARA)*	**Danny Broad** *Chair, Australasian Railway Association (ARA)*
12:05 - 12:30	**The Level Crossing Reporting Portal** **Julie Bullas** *Executive Director Policy, Reform and Stakeholder Engagement, ONRSR*	**Railcar Depot: Optimisation and standardisation of design of rails on pedestals** **Surendra Bisht** *Technical Director – Rail, Aurecon*	**Sustainability and the enterprise and development of Free Trade Zones** **Richard Ballantyne** *Chief Executive, British Ports Association (UK)*	**Keynote: Initial Insights into the Rail Supply Chain in Australia** **Adrian Hart** *Associate Director - Construction and Maintenance, BIS Oxford Economics*	**Australasian Centre for Rail Innovation – The Inside Story** **Robert Moffat** *Chief Executive Officer, The Australasian Centre for Rail Innovation (ACRI)*
12:30 - 12:55	**Rail Safety 2020: The issues** **Peter Doggett** *Chief Operating Officer, ONRSR*	**Acceptance criteria for rail reprofiling across the Australian rail networks** **Ash Athukoralalage** *Wheel/Rail Interface Engineer, Speno Rail*	**National Rail Action Plan: What does it mean for the freight sector?** **Carolyn Walsh** *Chair, National Transport Commission*	**Panel: Rail supply chain** This panel will discuss how Australia's rail supply chain is critical to the efficient operation and development of our national passenger and freight networks to support our continued growth and prosperity. **Facilitator: Claire Pierce** *Executive Commercial Leader, Australia and New Zealand, GE Transportation, Wabtec* **Ben Calder** *Commercial and Operations Manager, Network Rail Consulting* **Sam McWilliam** *National Executive, Rail, WSP Australia* **Mark Fuldord** *Operations Manager, Martinus Rail* **Michael Miller** *Chief Operating Officer, Hitachi Australia*	**How rail can help reboot the UK economy** **Darren Caplan** *Chief Executive, Railway Industry Association (UK)*
12:55 - 13:20	**Rail Safety 2020: The analysis** **Dane Newton** *Senior Manager, Risk & Analysis, Office of the National Rail Safety Regulator*	**Independent certification as a key aspect in the delivery of public sector investment in rail infrastructure: the Sydney Metro and Southwest Greenfield Project** **James Harrington** *GIC (ATC) Project Manager, Advisian*	**National Freight and Supply Chain Strategy: How we are delivering a systemic approach to meet future freight demands** **Naa Opoku** *Assistant Secretary, Policy Coordination Branch, Department of Infrastructure, Transport, Regional Development and Communications*		**RISSB: Driving national harmonisation and interoperability for enhanced safety and productivity** **Deborah Spring** *Executive Chair and Chief Executive Officer, Rail Industry Safety and Standards Board (RISSB)*
13:20	**Concurrent sessions conclude**				

MAKE THE MOST OF OUR NEW STREAMS!
ARA MEMBERS CAN ACCESS PRESENTATION CONTENT FOR SIX MONTHS AFTER THE EVENT

13:20 - 14:00	Lunch Break - Visit our sponsors and exhibitors and attend meetings				
DAY 1: TUESDAY 1 DECEMBER 2020 (continued)					

CONCURRENT SESSIONS

	Session B1	Session B2	Session B3	Session B4	Session B5
Topic	**SAFETY REGULATION**	**RAIL TRACK**	**RAIL SUPPLIERS**	**CONTRACTORS**	**HEAVY HAUL**
Hosted by: Chairperson:			**Sheldon Young** *Marketing & Communications Director, Alstom*	**Julian Sharp** *Project Director, CPB Contractors & ARA Industry Sector Director*	**Simon Bourke** *General Manager - Policy, Research & Advocacy, Australasian Railway Association (ARA)*
14:05 - 14:30	**ONRSR and major projects: Managing safety through change** **Simon Foster** *Executive Director, Technical, ONRSR*	**Hybrid IHEM ballastless railway sleeper** **Elia Saba** *Engineer, HRI*	**Delivering the future through customer centric design** **Yvette Mihelic** *Director Customer Experience, Rail Operations and Maintenance, John Holland*	**Delivering the biggest level crossing removal rail occupation** **Anthony Brasacchio** *Construction Manager – AWP3;* **Stuart Smith** *Chelsea & Mentone Area Manager* **Miko Morell** *Site Engineer, Southern Program Alliance (SPC) Coleman Rail - Acciona*	**Management of the Wheel-Rail Interface to Maximize Component** **Lisa Stabler (USA)** *President, Transportation Technology Center (TTCI); Chair: United States of America, International Heavy Haul Association (IHHA)*
14:30 - 14:55	**Insights into Current Rolling Stock Issues** **Michael Howard** *Rolling Stock Specialist, Technical Division, ONRSR*	**RailCloud: Data centric maintenance management for railway tracks** **Dr Peter Merz** *CTO, Autech Rail Australia*	**Efficiencies and standardisation of the design review process for the rail industry** **Aimee Hughes** *Senior Project Manager, Arup* **Tom Craddock** *Director, Business Process Engineer, Informma*	**Creating connections** **Steve Butcher** *Executive General Manager, Rail, John Holland*	**Downer Embedded Rail Track** **David Owen-Jones** *Rail Construction Manager, Downer*
14:55 - 15:20	**Insights into technical regulation**	**Improving track worker safety in the ARTC NSW RVD multi-track territory** **Jill Weaver** *Project Officer, 4Tel* **Stewart Haycock** *Project Manager, Australian Rail Track Corporation (ARTC)*	**Faster rail concept for Australia** **Paul Sutherland** *Operations and Maintenance Director, Network Rail Consulting*	**Rail Testing, Commissioning Vision & five year road-map** **Brett Summers** *Delivery Operations Director, Level Crossing Removal Project* **Sylvain Emeric** *Innovation Advisor, Level Crossing Removal Project*	**Visit the Networking Hub for group discussions around Heavy Haul**
15:20	**Concurrent sessions conclude**				
15:20 - 15:30	**Break - Visit our sponsors and exhibitors**				

PLENARY SESSION 2

15:30 - 16:00	**Young Railway Professionals Pitching Competition - Finalists' Pitch** **Join this live session to vote for the winner**
16:00 - 16:55	**Panel: Transforming the customer experience** **Facilitator: Emma Woods**, *Director - Corporate Services & Company Secretary, Australasian Railway Association (ARA)* **Suzanne Holden**, *Acting Chief Executive Officer, Sydney Trains* **Natalie Roach**, *Group Executive Customer & Corporate Affairs, Queensland Rail* **Tilly Loughborough**, *General Manager Passenger Experience, Metro Trains Melbourne*
16:55 - 17:00	**Closing address** **Caroline Wilkie**, *Chief Executive Officer, Australasian Railway Association (ARA)*
17:00	**Close of day one**

This program is correct as at 26 November 2020 and is subject to change. All times are in AEDT – Australian Eastern Daylight Time (Daylight Saving Time) View www.ausrail.com for the latest program.

DAY TWO: WEDNESDAY 2 DECEMBER 2020

09:00 - 17:00 **Meet the sponsors and exhibitors**

PLENARY SESSION 3

10:00 - 10:10 **Welcome**
Caroline Wilkie, *Chief Executive Officer, Australasian Railway Association (ARA)*

10:10 - 10:15 **Federal Shadow Minister's Address**
Catherine King MP, *Shadow Minister for Transport, Infrastructure and Regional Development*

10:15 - 10:45 **International Keynote: Building better connections for a smarter and sustainable future**
Dr Joshua Schank (USA), *Chief Innovation Officer, Los Angeles County Metropolitan Transportation Authority (LA Metro)*

10:45 - 11:40 **Panel: Tech led innovation in rail - is industry in the slow lane?**
Facilitator: Natalie Currey, *General Manager - Supply Chain, Australasian Railway Association (ARA)*
Natasha Santha, *Partner, L.E.K Consulting*
Raphaelle Guerineau, *Chief Executive Officer - Australia and New Zealand, Siemens Mobility*
Tim Young, *Executive General Manager Rollingstock Services, Downer Group*
Dr Joshua Schank (USA), *Chief Innovation Officer, Los Angeles County Metropolitan Transportation Authority (LA Metro)*
Ravi Ravitharan *Director, Monash Institute of Railway Technology*

VIRTUAL TOURS!
Make sure you explore the on-demand Virtual Tours as part of the conference. These will be available on the platform from 1 December for upto 6-months!

11:40 - 12:00 **Break - Visit our sponsors and exhibitors and attend Meetings**

CONCURRENT SESSIONS

	Session C1	Session C2	Session C3	Session C4	Session C5
Topic	**SIGNALLING**	**INFRASTUCTURE PROJECTS**	**PASSENGER**	**TECHNOLOGY**	**ASSET MANAGEMENT**
Hosted by: Chairperson:	**Kaniyur Sundareswaran** *Immediate Past Chairperson, IRSE* IRSE ///	**Neysa Arland** *Control Communications Manager, Transdev Auckland & ARA Y-LAB Director*	**Emma Woods** *Director – Corporate Services & Company Secretary, Australasian Railway Association (ARA)*	**Ravi Ravitharan** *Director, Monash Institute of Railway Technology*	**Saad Khan** *Group Manager – Practice & Solutions, Downer*
12:05 - 12:30	**Future Railway Mobile Communication System (FRMCS) for railways (the journey from GSM-R to 5G) and cybersecurity considerations** **Karsten Oberle (Germany)** *Head of Rail, Transportation Segment, Nokia Enterprise, Germany*	**Cross River Rail** **Graeme Newton** *Chief Executive Officer, Cross River Rail Delivery Authority*	**Travel demand management in a post-COVID world** **Sarah Zhang** *Associate Transport Planner, Aurecon*	**The future of rail is digital- but how do we get there?** **Gerard Francis** *Head of Infrastructure & CEO of WillowRail, Willow*	**Maximising asset utilisation through investing in technology to ensure fleet is fit for the future** **Sameer Gaur (USA)** *Freight Services Business Operations - Senior Executive, Wabtec*
12:30 - 12:55	**The cybersecurity challenges of railway data** **Andrew Chan** *Centre of Excellence - Development Engineer, Siemens Mobility* **Andres G Guilarte** *Global Product Manager – IoT & Connectivity, Siemens Mobility GmbH* **Tino Noack** *Product Manager, Siemens Mobility GmbH*	**Inland Rail** **Richard Wankmuller** *Chief Executive Officer, Inland Rail*	**Creating passenger confidence in recovery** **Julien Dehornoy** *Chief Executive Officer, Yarra Trams*	**Communications Based Signalling Technologies and Standards** **Andy Dawes** *Systems Implementation Manager, Bombardier Transportation Australia*	**Key challenges when developing a robust rail asset condition assessment framework** **Nicola Belcher** *Director Asset Management, Network Integrity, Projects & Assurance, Public Transport Victoria* **Julian Watts** *Director, Engineering & Asset Management, KPMG Australia*
12:55 - 13:20	**Artificial Intelligence (AI)** **Brent De Gier** *Group Engineering Manager, PRM Engineering Services* **Thomas Hovey** *Lead Engineer, PRM Engineering Services*	**WA's METRONET** **Owen Thomas** *Executive Director Infrastructure Planning and Land Services, Public Transport Authority of Western Australia and METRONET*	**Game-changing the customer experience** **Gary Iddon** *General Manager - Operations, Transdev Auckland*	**Visit the Networking Hub for group discussions on Technology**	**Digitilisation of tram engineering and asset management** **Greg Williams** *Director Engineering & Asset Management, Yarra Trams*

13:20 **Concurrent sessions conclude**

13:20 - 14:00 **Lunch Break - Visit our sponsors and exhibitors**

DAY 2: WEDNESDAY 2 DECEMBER 2020 (continued)

CONCURRENT SESSIONS

	Session D1	Session D2	Session D3	Session D4	Session D5
Topic	**SIGNALLING**	**INFRASTUCTURE PROJECTS**	**WORKFORCE**	**SUSTAINABILITY**	**FREIGHT & PORTS**
Hosted by: Chairperson:	**Kaniyur Sundareswaran** *Immediate Past Chairperson, IRSE* IRSE ///	**Jane Gillespie** *Senior Consultant, Arup & ARA Y-LAB Director*	**Robert Wilson** *General Manager - Workforce Development, Australasian Railway Association (ARA)*	**Joeley Pettit** *General Manager - Corporate Affairs, Sustainability & Member Engagement, Australasian Railway Association (ARA)*	**Danny Broad** *Chair, Australasian Railway Association (ARA)*
14:05 - 14:30	**The standardisation of ATO interfaces within the ETCS ecosystem** **Charles Page** *Head of Business Development and Strategy, Siemens Mobility*	**Sydney Metro** **Jon Lamonte** *Chief Executive, Sydney Metro*	**National competencies & the Rail Industry Worker (RIW)** **Natalie Currey** *General Manager - Suppliers & Workforce Programs, Australasian Railway Association (ARA)* **Mathew Sekalitch** *General Manager Operations, Metro Trains Australia*	**Sustainable development: How the rail industry compares to other sectors** **Mark Lusis** *Associate Principal, Sustainable Development, Australasian Sustainability Skills Leader, Arup*	**ATMS: Implementing the next generation of train management systems** **Simon Ormsby** *Group Executive Strategy and Corporate Development, ARTC*
14:30 - 14:55	**Operational performance through systems integration** **Siby Yohannan** *Technical Lead, Systems Integration, MTR Australia*	**Port of Melbourne's Port Rail Transformation Project** **Caryn Anderson** *Executive General Manager Port Growth and Planning, Port of Melbourne*	**Mentoring, wellbeing & culture** **Narelle Rogers** *Director, Rogers Nominees*	**Newcastle Light Rail – A sustainable new heart for Newcastle** **Robert Angus** *Technical Director, Light Rail, Aurecon* **James Logie** *Senior Sustainability Consultant, WSP* **Sean Barry** *Senior Environmental Sustainability Advisor, Downer Group*	**The North Coast Rail Line: Improving Rail's Service Offering** **Renata Berglas** *Chief Executive Officer, Queensland Transport and Logistics Council*
14:55 - 15:20	**System end-to-end testing for ETCS integration and validation: a three-layer system framework** **Dr Bin Zhu** *Senior System Integration Engineer, Hitachi Rail STS Australia*	**Rollingstock and rail projects in Victoria** **Ben Phyland** *Head of Rollingstock Development, Victorian Department of Transport*	**Sydney Trains future is on Track – our diversity and inclusion journey** **Leanne Knox** *Manager Workforce and Competency, Sydney Trains*	**Embedding sustainability in transport planning** **Sue Robinson** *Associate Director Sustainability, Planning and Development – Transport for NSW*	**Rail freight productivity: What are the impediments to modal shift and how can we get past them?** **Tristan Anderson** *Leader - Logistics and Infrastructure Policy, GHD Advisory*
15:20	**Concurrent sessions conclude**				
15:20 - 15:30	**Break - Visit our sponsors and exhibitors**				

PLENARY SESSION 4

15:30 - 16:15	**Panel: Rail Freight Productivity: What are the impediments to modal shift and how can we get past them?** **Facilitator: Tristan Anderson, Leader - Logistics and Infrastructure Policy, GHD Advisory** **Luke Anderson**, *Chief Executive Officer, OneRail* **Patricia Reid**, *Chief Executive Office & Managing Director, CF Asia Pacific* **Nicole Lockwood**, *Deputy Chair, Infrastucture WA; Chair, Freight and Logistics Council of WA*
16:15 - 16:35	**Keynote: Grand Paris Express project** **Nicolas Massart**, *Project Director, Grand Paris Express, SYSTRA (France)*
16:35 - 16:55	**International Keynote: Crossrail Project** **Mark Wild**, *Chief Executive Officer, Crossrail (UK)*
16:55-17:00	**Closing address** **Caroline Wilkie**, *Chief Executive Officer, Australasian Railway Association (ARA)*
17:00	**Close of day two**

DAY THREE: THURSDAY 3 DECEMBER 2020

09:00 - 17:00	**Meet the Sponsors & Exhibitors**

PLENARY SESSION 5

09:30 - 09:50	**ARA Chair's Address and Young Railway Professionals Pitching Competition - Winner announced** **Danny Board,** *Chair, Australasian Rail Association (ARA)*
09:50 - 10:05	**The ARA Young Leaders Advisory Board (Y-LAB): Two year report** **Abdul Jamal**, *Interface Manager, Waterloo Station, John Holland; ARA Y-LAB Board* **Jess Ghaleb**, *Engineer - Track & Civil at Jacobs; ARA Y-LAB Board*
10:05 - 10:25	**Rail regulation: A 2020 recap and the regulator's focus for 2021** **Sue McCarrey**, Chief Executive, Office of the National Rail Safety Regulator
10:25 - 11:20	**Panel: Suicide prevention and improving wellbeing - what the rail industry is doing** **Facilitator: Heather Neil**, *Executive Director, TrackSAFE Foundation* **Anna Squire**, *Principal, Australasia Rail Business Leader, Arup* **Prof Jane Pirkis**, *Director, Centre for Mental Health, University of Melbourne* **Prof Byron Keating**, *Director, Service Innovation Lab; Professor of Services Marketing, Queensland University of Technology (QUT)* **Gary Beavan**, *Director Security, Sydney Trains* **Raymond O'Flaherty**, *Chief Executive Officer, Metro Trains Melbourne*
11:20 - 11:40	**Strategic priorities for rail in New Zealand** **Peter Mersi**, *Chief Executive, Ministry of Transport, New Zealand Government (NZ)*
11:40 - 12:00	**Break - Visit our sponsors and exhibitors**

CONCURRENT SESSIONS

	Session E1	Session E2	Session E3	Session E4
Topic	**TECHNICAL**	**RAIL SUPPLIERS**	**TECHNOLOGY**	**PASSENGER**
Hosted by: Chairperson:	**Barry Lovat** *RTSA*	**Natalie Currey** *General Manager - Suppliers and Workforce Programs, Australasian Railway Association (ARA)*	**Simon Bourke** *General Manager - Policy, Research & Advocacy, Australasian Railway Association (ARA)*	**Emma Woods** *Director – Corporate Services & Company Secretary, Australasian Railway Association (ARA)*
12:05 - 12:30	**Victorian rolling stock strategy** **Louise Bensz** *Strategy & Business Case Manager, Rolling Stock Development, Department of Transport, Victoria*	**Machine learning & customer segmentation for railways** **Matt McInnes** *Managing Director, Lynxx* **Kevin Mann** *Data Scientist, Lynxx*	**New innovations for a more efficient and competitive freight sector** **Maarten van der Vorst** *General manager - Development & Engineering, Freightquip*	**How smart data analytics is identifying mobility trends for the future** *Keolis Group*
12:30 - 12:55	**Improving accessibility to the rail network through consolidated research** **Rob Lambert** *Senior Business Manager, Institute of Railway Technology* **Elahe Abdi** *Lecturer, Department of Mechanical and Aerospace Engineering, Monash University*	**Planning for orbital rail transit: Their rise and success factors** **Thanura Rabel** *Senior Transport Planner, Jacobs*	**Covid: Passenger train air sanitisation** **Joe Schembri** *Director Rail HVAC, Knorr-Bremse Australia*	**TfNSW's plan to attract customers back to public transport** **Adam Berry** *Executive Director, Customer Journey Planning, Transport for NSW*
12:55 - 13:20	**A problem of our own making** **Frank Szanto** *Design Authority, Downer*	**Predictive failure detection as a tool for risk based maintenance** **Richard Johnson** *Managing Director, Infinitive Group – Australia* **Ben Craze** *CEO, Infinitive Group*	**Integrated systems and capabilities in Defence applied to the transport sector** **Chris Jenkins** *Country Director and Chief Executive Officer, Thales*	**Rail timetabling in a COVID-19 era** **Seaton Ellick** *Group Senior Manager – Strategic Integrated Operations Planning, Queensland Rail*
13:20	**Concurrent sessions conclude**			
13:20 - 14:00	**Lunch Break - Visit our sponsors and exhibitors and attend meetings**			

This program is correct as at 26 November 2020 and is subject to change. All times are in AEDT – Australian Eastern Daylight Time (Daylight Saving Time) View www.ausrail.com for the latest program.

DAY 3: THURSDAY 3 DECEMBER 2020 (continued)

CONCURRENT SESSIONS

	Session F1	Session F2	Session F3
Topic	**TECHNICAL**	**ACCESSIBILITY**	**LIGHT RAIL**
Hosted by: Chairperson:	**Barry Lovat** *RTSA*	**International Day of People with Disability** **Emma Woods** *Director – Corporate Services & Company Secretary, Australasian Railway Association (ARA)*	**Robert Wilson** *General Manager - Workforce Development, Australasian Railway Association (ARA)*
14:05 - 14:30	**SFAIRP: A dog of a thing to get right!** **Ian Mash** *Director, Assured Rail Projects*	**Reform to the Disability Standards for Accessible Public Transport** **Lee Steel** *Assistant Secretary, COVID Freight and Logistics Branch | Surface Transport Policy Division Department of Infrastructure, Transport, Regional Development and Communications* **Kevin Cocks AM** *Executive General Manager Integrated Accessible Transport Network| Office Of Director General Department of Transport and Main Roads*	**Canberra Metro: 18 months of operations and planning for stage 2** **Ashley Cahif** *Project Manager, Light Rail, Major Projects Canberra*
14:30 - 14:55	**20/20 Vision for rail project procurement** **Owen Hayford** *Partner, DLA Piper*	**Now we're talking! Communication access** **Laura Hunt** *Accessibility Manager, V/Line* **Laura Edwards** *Manager, Accessibly, Metro Trains Melbourne* **Kate Hewitt** *Manager, Accessibility & Passenger Experience Standards, Yarra Trams*	**Sydney Light Rail - One year on** **Brian Brennan** *Chief Officer Light Rail Operations Australasia, Transdev*
14:55 - 15:20	**Digital engineering supporting Inland Rail innovation** **Liam Best** *Program Innovation Manager, Inland Rail* **Mark Harvey** *Digital Engineering Manager, Inland Rail*	**Accessible rail in NSW** **Gail Le Bransky** *Director, Transport Social Policy, Customer Strategy and Experience, Transport for NSW*	**Gold Coast Light Rail - G:link |Delivering Stage 3A and planning for the future** **Jason Ward** *Executive Director Operations, GoldLinq*
15:20	**Concurrent sessions conclude**		
15:20 - 15:30	**Break - Visit our sponsors and exhibitors**		

PLENARY SESSION 6

15:30 - 16:00	International Keynote **Andy Byford (UK)**, *Commissioner of Transport for London (TfL)*
16:00 - 16:55	Panel: **What's next? The rail industry in a post COVID world** **Facilitator: Caroline Wilkie**, *Chief Executive Officer, Australasian Railway Association (ARA)* **Amy Lezala**, *Level Crossing Engineering Manager, Metro Trains Melbourne* **Becky Wood**, *Managing Director Transportation ANZ, Aurecon* **Mike Mrdak OAM**, *Senior Strategic Advisor, L.E.K; Non-Executive Chairperson, NEC* **John Fullerton**, *Chair, National Freight and Supply Chain Strategy Freight Industry Reference Panel*
16:55 - 17:00	**Closing address** **Caroline Wilkie**, *Chief Executive Officer, Australasian Railway Association (ARA)*
17:00	**Close of day three**

NETWORKING FUNCTIONS

We are excited to announce a series of satellite networking functions to accompany AusRAIL Live & On Demand.

All functions will have limited capacity and are now available to both registered AusRAIL Live & On Demand conference attendees and ARA members!

If you have already booked your AusRAIL Live & On Demand tickets, please contact **info@informa.com.au** if you would like to add these on to your existing booking.

Networking Drinks - Brisbane Capacity: 150

WHEN: Monday 30 November | 6:30pm-9:30pm
WHERE: Dandy's Rooftop, Fox Hotel
PRICING: ARA Member: $110 + GST | Non-member: $180 + GST

Networking Drinks - Perth Capacity: 90

WHEN: Monday 30 November | 6:30pm-9:30pm
WHERE: Bob's Bar Rooftop, The Print Hall
PRICING: ARA Member: $110 + GST | Non-member: $180 + GST

Networking Dinner - Sydney Capacity: 300

WHEN: Tuesday 1 December | 6:30pm-10:30pm
WHERE: Doltone House, Jones Bay Wharf
PRICING: ARA Member: $200 + GST | Non-member: $220 + GST

WELCOME TO YOUR ONLINE EXHIBITION

Our online exhibition will showcase the latest in technology and innovation in the industry, giving you the chance to connect with the businesses that can make a difference to your operations. Take advantage of breaks in the program to visit sponsors and exhibitors in their very own online booths to discuss the ideas that could help take your business further.

View the latest product demos

Take advantage of live demos and product displays to find out about new innovation in the industry. Hear direct from exhibitors on what they have to offer the rail industry in 2021 and how you can be among the first to take advantage of new products and services.

Talk with exhibitors directly

Send a message, ask a question or arrange a video chat to find out more about the exhibitors that are important to your business.

Download information to share with your colleagues

Access brochures and marketing collateral to share with your team to follow up on your conversations with exhibitors.

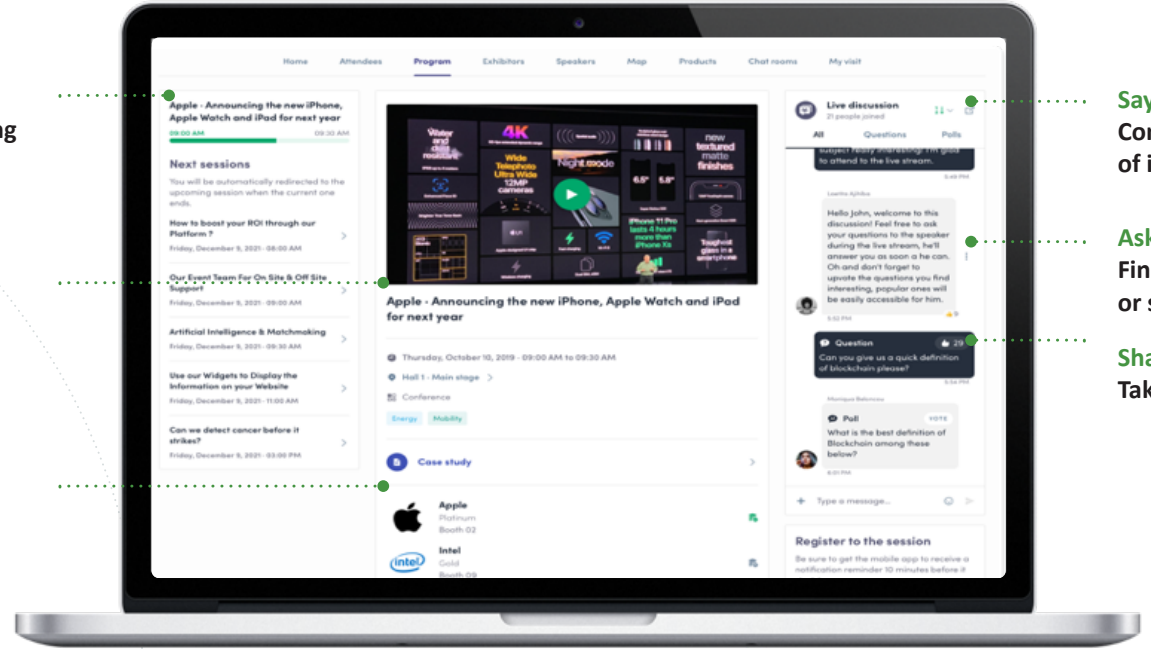
Keep the conversation going

You can continue to use the platform for three to six months after AusRAIL concludes to continue your conversations with sponsors and exhibitors.

Sponsored content
See the businesses supporting the rail industry

Product demos and videos
See what exhibitors have to offer your business

See what's on
Find out how exhibitors are taking part in the program



Say hello
Connect directly with exhibitors of interest to you

Ask a question
Find out more about a product or service

Share your opinion
Take part in surveys or polls

BECOME AN EXHIBITOR TO SHOWCASE YOUR OFFERING

After a year of staying apart, come together with industry clients, suppliers and colleagues to generate new leads and build your business – all from your very own, interactive online exhibition booth.

Exhibitor spaces are available for **as little as $3600**, so make the most of this unique business development opportunity to set your business up for success in the year ahead.

Our online exhibition is powered by AI to help you connect with the people that matter most to your business. Use analytics built into the platform to see who your team is meeting with and identify new leads to follow up on later.

This is a not to be missed opportunity to reconnect with industry leaders and showcase your business to key decision makers. A range of sponsorship and exhibition opportunities are available, so contact us to discuss the best solution for your business.

Deborah Bocock
Director, Sponsorship & Exhibition Sales
Deborah.Bocock@informa.com
+61 410 689 476

Networking

AI matchmaking for targeted networking

Meeting scheduler for you and your team

Video calls with peers and prospects

Program

Program schedule and Innovation Hub access

Live stream and 3-6 months of access to on demand content

Interactive sessions

Engagement

Opportunities for group discussions

Calendar integrations to schedule meetings

Notification and email promotions

Sponsoring

Exhibitors and sponsors marketplace

Live demos and document upload facilities

Sponsored platform advertising

HEAR THE BIG IDEAS THAT WILL SHAPE THE FUTURE OF RAIL

The Young Rail Professionals Pitching Competition is a highlight of AusRAIL, unearthing new ideas that could help shape our industry for the better. Hear from our entrants in two advanced sessions ahead of AusRAIL Live & On Demand, as they present their pitches for an idea that could change the future of rail.

We have confirmed an outstanding shortlist of candidates to take part in this year's competition and will be holding two pitching panels in November to give you the chance to vote for your favourite idea.

This is a career shaping opportunity for our shortlisted candidates, with this year's winner to receive complimentary attendance and a speaking engagement at AusRAIL PLUS 2021.

Make sure you are registered to see what the industry's best emerging talent has to offer.

GROUP A PITCHING PANEL
Tuesday 10 November | 1.30pm - 3pm AEDT

Suha Anzar
Sydney Trains | Carefree Commuting

Jacky Chen
Downer | Digitising the Technical Maintenance Plan with a Distributed Artificial Intelligence Approach

Glenn de Jong
UGL | Locomotives Beyond Hauling

Andrew Gray
Sydney Trains | Preventing Fastener Failure in Turnouts

James Lennard
Aurecon | Improved Stakeholder Engagement in Transport Project Design and Planning through Multi Criteria Optimization

Elodie O'Sullivan
WSP | Rail Ready: Addressing the Workforce Gap

GROUP B PITCHING PANEL
Tuesday 17 November | 1.30pm - 3pm AEDT

Devin Devendra
WSP | Adapting to Service Disruptions

Rebekah Fulthorp
Sydney Trains | The Closure Train

Thomas Hartfield
Bombardier | The Network Effect: A Peer to Peer Solution

Adam Hatzigiannis
Sydney Trains | The OWL Micrometer

Timothy Lang
Transport for NSW | Flattening the Other Curve: Using Gamification to Redistribute Passenger Demand

Jennifer Lee
Arup | Overcoming Rail Fatigue with MBSE and a Digital Twin

Jude Manuel
Metro Trains Melbourne | Mobile Condition-based Monitoring Systems

Sign up to join the audience here so you can vote for the best idea. Both sessions will be held on the AusRAIL Live & On Demand platform, giving you early insight into this year's event.

Delegates and exhibitors who join the pitching panel audience will have the chance to vote for the best idea and influence who will be named as our final three finalists.

Our top three entrants will be named on Tuesday 24 November, ahead of a LIVE finalist session on day one of AusRAIL Live & On Demand. Online voting for the finalists will remain open until 3pm AEST on Wednesday 2 December, with the winner to be announced on Thursday 3 December.

Register to secure your place today

Do not miss your opportunity to be part of the biggest event on the 2020 rail industry calendar – all from the comfort of your home or office. To register, simply go to www.ausrail.com

Book your team to attend AusRAIL and enjoy a 10 per cent early bird group discount.

Have your team take advantage of the expert speakers, greater access and networking at AusRAIL Live & On Demand.

Register a group of 10 or more people to take advantage of a 10 per cent discounts. For more details, contact our customer service team.

Phone +61 2 9080 4307
Email info@informa.com.au

Delegate registration

ARA member
$600 + GST

ARA member – Young Rail Professional*
$400 + GST

Non-ARA members
$1100 + GST

Your AusRAIL Live & On Demand Conference registration provides access to:

- 190+ presentations and panels LIVE & ON DEMAND
- 150+ expert speakers
- Full access to our online exhibition, including technical information and product demonstrations
- Pre and post networking sessions including 1:1 video meetings, live discussions and polls for up to six months
- All approved papers, abstracts and technical content available to download

There are three easy ways to register

Online www.ausrail.com/register
Phone +61 2 9080 4307
Email info@informa.com.au

Visitor Registration

AusRAIL Live & On Demand visitor registration grants you access to the event platform:

- To view the Sponsors and visit the Exhibitions
- To interact with the exhibitors, make new connections and take part in promotions
- To watch the Pitching Competition sessions on 10 and 17 November
- To watch the Innovation Hub sessions during the event (1-3 Dec)

www.ausrail.com/visitor

Stay Connected

To secure your place at AusRAIL Live & On Demand,
register at www.ausrail.com

* ARA Members – Young rail professional passes are available to ARA members aged 35 years or under on 1 December 2020
[1] Visit the website to view more information **Privacy Policy** www.ausrail.com/privacy **Terms and Conditions** www.ausrail.com/terms