

# AusRAIL PLUS 2017 | Brisbane

Conference & Exhibition 21-23 November

AUSTRALASIAN  
RAILWAY  
ASSOCIATION



## Rail's Digital Revolution

*Photos courtesy of Bombardier & Rail Gallery*

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# WELCOME TO AUSRAIL PLUS 2017



What an exciting time to be involved in the rail industry!

With rail infrastructure investment commitments of almost \$100b from the Federal, State and Territory Government's over the next 10 years, there is no better time for

the rail industry to come together to discuss and debate the key opportunities and challenges that are ahead of us, particularly in the age of digitalisation.

The ARA is proud to host AusRAIL PLUS 2017, the rail industry's three day pre-eminent conference and exhibition at the Brisbane Convention and Exhibition Centre, which will be jam-packed with international keynote speakers, panel discussions with rail industry leaders, two afternoons of technical stream presentations and opportunities for delegates to network not only during the day around the exhibition, but also at functions during each evening.

The theme for this year's conference is 'Rail's Digital Revolution'. Leading authorities from within and external to the rail industry will share insights on their digitalisation experiences and what digitalisation means for the future of industries such as ours. Over the first two mornings of the conference there will be dedicated plenary and panel sessions that will touch on the role of big data, technologies that will impact rail's development, digital solutions for advancing the supply chain, leveraging and enhancing technology and discussions on what we as the rail sector could improve to better engage with our customers in a digital world.

Two international keynote speakers will address the conference. On day one, Sir Terry Morgan CBE, Chairman, Crossrail UK will join us to discuss the role of Crossrail on

London's economy, liveability and connectivity and on day three, Gerhard Kress, Director of Mobility Data Services, Siemens AG will present examples of the application of digitalisation in the rail industry.

Over the first two afternoons of the conference, there will be technical streams arranged by the Railway Technical Society of Australasia (RTSA), the Rail Track Association Australia (RTAA), Institution of Railway Signal Engineers (IRSE) and a technical stream for rail suppliers, as well as a new stream for AusRAIL that will be managed by the National Rail Safety Regulator (ONRSR).

On day three we will hear from young professionals within the rail sector who will pitch their innovative ideas for improving or disrupting the rail sector to industry leaders. This will be your opportunity to engage in the proceedings by voting on the ideas that you believe will transform our industry. AusRAIL PLUS 2017 will also coincide with Rail Careers Week (20 to 26 November) where secondary students from Queensland will hear from young rail professionals and engage in a guided tour of exhibitors throughout the three days of the conference.

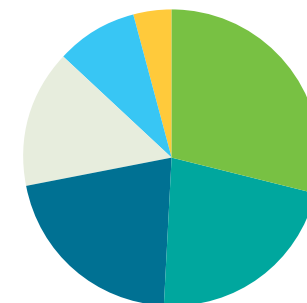
Our social program in the evenings will enable you to network, relax and reconnect with key contacts. On the evening of day one, we will host the popular Exhibition Networking Drinks, followed by the industry's biggest and most entertaining events of the year - the RTAA Yellow Tie Dinner on the evening of day two, where this year's tie or scarf will not only be your ticket to the dinner, but will have an encrypted code that guests will need to crack! The AusRAIL Gala Dinner on the final evening will also be sure to delight and impress and will include the announcement of the winner of the Young Rail Professionals Pitching Competition.

I encourage you to join us and engage in the three days of the conference proceedings, visiting over 350 exhibition stands, attending our various functions and networking with industry peers. I look forward to connecting with you throughout the three days.

Yours sincerely,

**Danny Broad**  
**Chief Executive Officer**  
**Australasian Railway Association**

## AusRAIL 2016 Audience Profile



GM/Director	29%
Head of Engineering/Technical	22%
Production/Project/Operations Manager	21%
Business Development/Marketing/Account Manager	15%
C-Level/MD	9%
Consultant/Analyst/Advisor	4%

## OFFICIAL WELCOME RECEPTION & PRE-REGISTRATION

**Monday 20 November 2017**

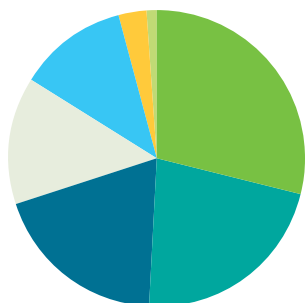
**4:00pm – 6:00pm**

Arriving in Brisbane in time to relax before the event?

Join us for pre-registration and an informal welcome reception at the Brisbane Convention and Exhibition Centre the day before it all gets going. This is a fantastic chance for some early networking and to register ahead of the crowd.

*This function is available to sponsor.*

### AusRAIL PLUS 2015 Audience Profile



## 2017 PLANNER





# DAY 1: Tuesday 21 November 2017

**8.30** Registration and welcome tea and coffee

**9.00 Welcome and opening remarks from the Chair**

Danny Broad, *CEO*  
Australasian Railway Association

**9.15 The Australian Government's digital innovation agenda for rail**

**9:35 INTERNATIONAL KEYNOTE**

**The role of Crossrail on London's economy, liveability and connectivity**

Sir Terry Morgan CBE, *Chairman*  
Crossrail UK

**10:05 Big data influences everyone**

Marion Terrill, *Transport Program Director*  
Grattan Institute

**10:30** Morning tea and official exhibition opening

**11:10 INDUSTRY PANEL**

**From digital to virtual: Technologies that will impact rail's development and opportunities**

Facilitator: Tony Braxton-Smith, *Deputy Secretary Customer Service*  
Transport for NSW

Andrew Dudgeon, *Managing Director*  
Bombardier Transportation

Michael Miller, *CEO*  
Downer Rail

Max Eichhorn, *Executive General Manager, Mobility Division*  
Siemens

Alan Beacham, *Executive General Manager Rail and Defence*  
UGL Pty Limited

Paul Gill, *Managing Director Signalling*  
Alstom Transport

**11:50 Digital solutions for advancing the supply chain**

Charlie Macdonald, *CIO*  
DB Schenker

**12:15 Getting more freight on rail**

Facilitator: Priscilla Radice, *Principal, Australasia Business Leader*  
Arup

Paul Larsen, *CEO*  
Arc Infrastructure

Roy Cummins, *CEO*  
Port of Brisbane

Damien White, *CEO*  
TasRail

Geoff Smith, *Managing Director*  
SCT Logistics

Scott Kompo-Harms, *General Manager, Trade and Economics*  
National Farmers' Federation

Jonathan Lafforgue, *General Manager Operations and Environment*  
NSW Ports

**12:40** Lunch served within the exhibition



RTSA STREAM - ROLLINGSTOCK	RTAA STREAM	IRSE STREAM - DESIGNING THE RAILWAY FOR OPERATIONAL PERFORMANCE	RAIL SUPPLIERS STREAM	ONRSR STREAM
<b>1:50 Technical speakers meeting</b>	<b>1:50 Technical speakers meeting</b>	<b>1:50 Technical speakers meeting</b>	<b>1:50 Technical speakers meeting</b>	<b>1:50 Technical speakers meeting</b>
<b>1:55 Opening remarks from the Chair</b> John Watsford, <i>Rail Engineering Consultant</i>	<b>1:55 Opening remarks from the Chair</b> Allan Logan, <i>Treasurer</i> Rail Track Association Australia	<b>1:55 Opening remarks from the Chair</b> Trevor Moore, <i>Signals Standards Engineer</i> Australian Rail Track Corporation	<b>1:55 Opening remarks from the Chair</b> Paul Johnson, <i>Chairman</i> Rail Manufacturing CRC	<b>1:55 Opening remarks from the Chair</b> Phil Allan, <i>Chief Operating Officer</i> Australasian Railway Association
<b>2:00 Railroad assets: Information and operational (IT/OT) convergence</b> Mark Kraeling, <i>Product Architect</i> and David Fletcher, <i>Principal Architect</i> GE Transportation	<b>2:00 Reducing failures of turnouts through automated inspection – Dynamically and under load</b> Markus Nottelmann, <i>Chief Operating Officer</i> Cesare Santanera, <i>Founder and Chief Executive Officer</i> , DMA S.r.l.	<b>2:00 Beyond CBTC basics - Information, integration, automation and driverless trains</b> Elie Paku, <i>Engineer</i> Alstom	<b>2:00 Standardisation of minimal data collection for condition monitoring and performance management in the Australian Rail Industry</b> Amy Lezala, <i>Section Lead - Through Life Engineering</i> , SNC-Lavalin Rail & Transit Pty Ltd	<b>2:00 The National Rail Safety Regulator – An update</b> Sue McCarrey, <i>Chief Executive</i> Office of the National Rail Safety Regulator
<b>2.30 Highly automated railway wheel set maintenance workshop supported by simulation</b> Jose Antonio Moreno, <i>Railway Business Director</i> , Danobat Scoop	<b>2.30 Use of 3D scanning in Heritage Rail Tunnel condition assessments</b> David Gardiner, <i>Principal – Materials Technology</i> SMEC	<b>2.30 The network modelling, timetabling and fuel saving computer programs on the market</b> Ian Fox, <i>Network Modeller</i> ARTC	<b>2.30 Standards for identification of parts and components</b> Bonnie Ryan, <i>Senior Manager - Trade, Transport &amp; Heavy Industry</i> GS1 Australia	<b>2.30 Our national priorities</b> Peter Doggett, <i>Executive Director National Operations</i> Office of the National Rail Safety Regulator
<b>3.00 Energy, time and longitudinal train dynamics costs using energy optimised driving strategies in heavy haul trains</b> Mitchell McClanachan, <i>Research Engineer</i> CQUniversity	<b>3.00 Research and development of a new method for wirelessly interrogating the stress free temperature of continuously welded rail</b> David Fletcher, <i>Principal Architect</i> GE Transportation	<b>3.00 Rail operational modelling – A systems engineering tool for rail projects</b> Thomas McPeake, <i>Signalling Engineer</i> Arcadis	<b>3.00 Train to Wayside Systems for the Queensland New Generation Rail Fleet</b> Dr John White, <i>Engineering Lead</i> , Bombardier Transportation	<b>3.00 Policy reviews – Fatigue and drug and alcohol testing</b> Julie Bullas, <i>Executive Director Policy, Reform and Stakeholder Engagement</i> Office of the National Rail Safety Regulator
<b>3.30</b> Afternoon tea served within the exhibition				
RTSA STREAM - SAFETY AND POWER SYSTEMS	RTAA STREAM	IRSE STREAM - COMMUNICATION BASED SIGNALLING SYSTEMS	RAIL SUPPLIERS STREAM	ONRSR STREAM
<b>3:50 Technical speakers meeting</b>	<b>3:50 Technical speakers meeting</b>	<b>3:50 Technical speakers meeting</b>	<b>3:50 Technical speakers meeting</b>	<b>3:50 Technical speakers meeting</b>
<b>3:55 Opening remarks from the Chair</b> Bill Laidlaw, <i>Rail Engineering Consultant</i>	<b>3:55 Opening remarks from the Chair</b> Keiran Navin, <i>Management Committee</i> Rail Track Association Australia	<b>3:55 Opening remarks from the Chair</b> Georgina Hartwell, <i>Senior Project Engineer</i> WSP Parsons Brinckerhoff	<b>3:55 Opening remarks from the Chair</b> Dr Stuart Thomson, <i>CEO &amp; Managing Director</i> , Rail Manufacturing CRC	<b>3:55 Opening remarks from the Chair</b>
<b>4:00 Transit video analytics</b> Arthur Constantinou, <i>Business Development Manager – APAC</i> DTI Group Limited	<b>4:00 The mobile maintenance system</b> Andrew Keens, <i>Track Consultant</i> AJK Rail Limited	<b>4:00 Brownfield CBTC - Resignalling of operating networks with minimal disruption</b> Pascal Dupond, <i>Project Director - Sydney Metro Northwest</i> , Alstom	<b>4:00 Smart railways of the future</b> Barry Moore, <i>Technical Director, Transport Services</i> Aurecon	<b>4:00 Emerging technology – ONRSR's expectations of the rail industry</b> Simon Foster, <i>Executive Director Technical</i> Office of the National Rail Safety Regulator
<b>4.30 Unbiased electrical performance comparison of 1500V DC, 3000V DC and 2x25kV AC traction power Systems for Melbourne Metro Network</b> Dr Stephen Goh, <i>Technical Director, Energy Services</i> , Aurecon	<b>4.30 Human machine interfaces and remote monitoring for track maintenance machines</b> Roger Grossniklaus, <i>Marketing and Sales Director</i> MATISA Matériel Industriel S.A.	<b>4.30 Optimising mainline passenger rail with communication-based signalling</b> Derick Hammond, <i>Solution Architect – Engineering</i> Dr Brenton Atchison, <i>Principal Engineer</i> , ETCS Siemens Mobility	<b>4.30 How digital technology has revolutionized train control - Australian case study</b> Sarfaraz Samnakay, <i>Director Business Development Australia</i> Ansaldo STS Australia	<b>4.30 Good cop / bad cop – Can a regulator be both?</b> Peter Doggett, <i>Executive Director National Operations</i> , / Laura Paulus, <i>Corporate Counsel</i> Office of the National Rail Safety Regulator
<b>5.00 Depot protection systems – What features might actually reduce risk?</b> David Stuart-Smith, <i>Technical Director</i> Tracy White, <i>System and Safety Assurance Manager</i> , Arup	<b>5.00 AIMS 3D: Rail assets digitalisation technology</b> Anthony Wilson, <i>Data Services Support Manager</i> Geomatic Technologies Pty Ltd.	<b>5.00 Transforming the Sydney rail network using new signalling and rail systems technologies</b> Stephen Lemon, <i>Director</i> , Rail Systems Development Transport for NSW	<b>5.00 Shorter south coast train transit times</b> Philip Laird, <i>Honorary Principal Fellow</i> University of Wollongong	<b>5.00 Closing remarks from the Chair</b> Phil Allan, <i>Chief Operating Officer</i> Australasian Railway Association
<b>5:30</b> Close of day one				
<b>5.30</b> AusRAIL PLUS 2017 Exhibition Networking Drinks for speakers, sponsors, exhibitors & conference delegates. <i>This Function is available to sponsor</i>				

## DAY 2: Wednesday 22 November 2017

**8.00** Welcome tea and coffee

**9.00 Welcome and opening remarks from the Chair**

Danny Broad, *CEO*  
Australasian Railway Association

**9:05 The importance of branding to rail**

Tim Riches, *Group Strategy Director*  
Principals

**9:40 Rail's role in the transport system**

Neil Scales OBE, *Director-General*  
Department of Transport and Main Roads

**10:05 Inland Rail's role in the supply chain**

John Fullerton, *CEO*  
Australian Rail Track Corporation

**10:30** Morning tea served within the exhibition

**11:10 Engaging with customers in a digital world**

Tony Braxton-Smith, *Deputy Secretary Customer Service*  
Transport for NSW

**11:35 On-board information and asset management**

Mike Houghton, *CEO*  
Metro Trains Melbourne

**12:00 PANEL**

**Leveraging technology to enhance productivity**

Facilitator: Dr Michelle Zeibots, *Research Director, Transport Research Centre*  
University of Technology Sydney

Andrew Lezala, *Managing Director*  
Metro Trains Australia

Jason Leith, *Sales Manager Queensland*  
Google Cloud

*More panelists to be announced*

**12:40** Lunch served within the exhibition

*Proudly sponsored by:*

**ARTC**





RTSA STREAM - DIGITAL REVOLUTION	RTAA STREAM	IRSE STREAM - APPLYING NEW TECHNOLOGIES FOR SIGNALLING AND CONTROL SYSTEMS	RAIL SUPPLIERS STREAM
<b>1:50 Technical speakers meeting</b>	<b>1:50 Technical speakers meeting</b>	<b>1:50 Technical speakers meeting</b>	<b>1:50 Technical speakers meeting</b>
<b>1:55 Opening remarks from the Chair</b> Phil Campbell OAM, <i>A/Executive General Manager Enterprise Services</i> , Australian Rail Track Corporation	<b>1:55 Opening remarks from the Chair</b> David Bainbridge, <i>President</i> Rail Track Association Australia	<b>1:55 Opening remarks from the Chair</b> Somnath Banerjee, <i>Principal Signal Engineer</i> Ansaldo STS	<b>1:55 Opening remarks from the Chair</b>
<b>2:00 How does digitalisation help to maintain asset value?</b> Greg Williams, <i>Director Engineering &amp; Asset Management</i> Keolis Downer	<b>2:00 An analysis of the viability of upgrading the Aurizon Central Queensland Coal Network (CQCEN) from 26.5 t to 30.0t axle load</b> Adam Smith, <i>Principal Engineer Network Planning and Development</i> , Aurizon Network	<b>2:00 Digital wireless evolution in railway communications &amp; signalling; local and global insights to rail, metro and light rail</b> Anton Abrahams, <i>Chairman</i> Australasian TETRA and Critical Communications Forum Ltd	<b>2:00 VicTrack's network transformation program, delivering an integrated IP/MPLS network to support transport</b> Julian Williams, <i>Principal Network Integration, Telecommunications Group</i> VicTrack
<b>2.30 IEC61850 implementation in a DC traction power distribution network</b> Darin O'Brien, <i>Principal Engineer Rail Electrification and Musafare Chibowora, Systems Engineering Team Leader, Energy Management Division</i> Siemens Ltd. Australia Mobility Division	<b>2.30 Contracting strategies for obtaining Vfm when procuring rail projects that will be extended</b> Owen Hayford, <i>Partner/Legal</i> PwC	<b>2.30 3D clash detection and virtual signal sighting pre-installation</b> Mitchell McGarry, <i>Project Leader</i> Laing O'Rourke	<b>2.30 How does technology redefine the design of modern stations?</b> Bruno Sarret, <i>Technical Department Director</i> SYSTRA
<b>3.00 Interactive planning and VR training - The innovation and its application</b> Dr Collette Burke, <i>Managing Director</i> Karen Saunders, <i>General Manager</i> Exner Group	<b>3.00 Asset management - Tailoring maintenance to deliver business efficiency</b> Daniel Rabson, <i>Senior Consultant, Through Life Engineering</i> , SNC-Lavalin Rail & Transit Pty Ltd	<b>3.00 Wireless condition monitoring: Case studies from London underground &amp; UK network rail</b> Heath Low, <i>Business Development Manager</i> Position Partners	<b>3.00 Hands-Free Pay-As-You-Go fare collection system with rapid boarding and seamless transfers for smartcard and smartphone users</b> Jonas Kley, <i>MSc Electrical Engineering and Information Technology, ETH Zurich</i> , Trapeze Switzerland GmbH
<b>3.30</b> Afternoon tea served within the exhibition			
RTSA STREAM - LIGHT RAIL AND DRIVERLESS VEHICLES	RTAA STREAM	IRSE STREAM - ADVANCES IN DESIGN AND OPERATION OF SIGNALLING SYSTEMS	RAIL SUPPLIERS STREAM
<b>3:50 Technical speakers meeting</b>	<b>3:50 Technical speakers meeting</b>	<b>3:50 Technical speakers meeting</b>	<b>3:50 Technical speakers meeting</b>
<b>3:55 Opening remarks from the Chair</b> Steve Muscat, <i>Director</i> , Rail Confidence Pty Ltd	<b>3:55 Opening remarks from the Chair</b> Christina Young, <i>Management Committee</i> , RTAA	<b>3:55 Opening remarks from the Chair</b> Sandra Karrasch, <i>Signal Engineer</i> , Queensland Rail	<b>3:55 Opening remarks from the Chair</b>
<b>4:00 Bombardier's drivers assistance system for trams</b> Steve Brooks, <i>Mechanical Engineer</i> , Bombardier Transportation Australia	<b>4:00 Do we need more standards?</b> Frank Szanto, <i>Design Authority</i> Downer Rail	<b>4:00 Practical application of AS7470 Human Factors integration in engineering design - General requirements</b> Gareth Hughes, <i>Manager, Human Factors, Asset Standards Authority</i> , Transport for New South Wales	<b>4:00 Meeting the future needs of rail passengers</b> Doug Pickering, <i>Associate Rail Consultant</i> Arup
<b>4.30 From data to design: How digital engineering has changed collaboration on Sydney Metro</b> Damien Cutcliffe, <i>Digital Engineering Lead ANZ</i> WSP Australia	<b>4.30 The identification, treatment and use of expansive soils in railway construction</b> Dr Chris Bridges, <i>Technical Principal</i> SMEC Australia Pty Ltd	<b>4.30 Digital track work authorities for staff working on the track</b> Graham Hjort, <i>General Manager - Control Systems 4Tel</i> Ben Hope, <i>Manager Network Operations, Country Regional Network</i> , John Holland Rail	<b>4.30 Leveraging virtual reality and visual tools in the rail sector</b> Michael Gardiner, <i>Associate, Visualisation - Global Technical Lead</i> Aurecon
<b>5.00 Rationale and applications for 'Wire Free' light rail technologies</b> Bruno Petin, <i>Engineering Director - Sydney Light Rail Project</i> , Alstom	<b>5.00 Development of an innovative Metro viaduct design more efficient and eco-friendly</b> Serge Montens, <i>Bridge Department, Technical Director</i> SYSTRA	<b>5.00 Digital advances in monitoring and planning for natural hazards along networks and remote track sections</b> Casey Palmer, <i>General Manager</i> , UBIMET	<b>5.00 Future railway radio communications - What next after GSM-R?</b> Vinh Nham, <i>Principal</i> and Lovan Pushparatnam, <i>Director</i> , SYSTRA
<b>5:30</b> Close of day two			
<b>7.00</b> RTAA Yellow Tie Dinner – Proudly sponsored by: <b>BOMBARDIER</b>			

# DAY 3: Thursday 23 November 2017

8.30 Welcome tea and coffee

## 8.55 Welcome and opening remarks from the Chair

Danny Broad, *CEO*  
Australasian Railway Association

## 9.00 ARA Chairman's Address

Bob Herbert AM, *Chair*  
Australasian Railway Association

## 9:20 INTERNATIONAL KEYNOTE

### Digitalisation

Gerhard Kress, *Director Mobility Data Services*  
Siemens AG

## 9:45 Implementing digital change and competitiveness in the manufacturing sector

Dr Jens Goennemann, *Managing Director*  
Advanced Manufacturing Growth Centre

## 10:10 Advanced systems: Benefits of transforming our legacy networks

Stephen Troughton, *Deputy Secretary, Infrastructure & Services*  
Transport for NSW

10:30 Morning tea served within the exhibition



## 11:10 PANEL

### Getting the right people – Challenges and opportunities

Facilitator: Deb Spring, *Chair*  
Rail Industry Safety and Standards Board (RISSB)  
Emma Thomas, *Director General*  
Transport Canberra  
René Lalande, *CEO*  
Transdev  
Nicole Stoddart, *Managing Director, Construction Services*  
ANZ – AECOM  
Georgina Mahony, *Infrastructure Leader VIC / SA*  
Aurecon  
Tom Larter, *General Manager*  
WithYouWithMe

## 11:40 The next wave of innovation: 2017 Young Professional Pitching Competition

\*Featuring live audience voting

12:40 Lunch served within the exhibition

## 1:55 FEDERAL OPPOSITION ADDRESS

Hon Anthony Albanese MP, *Shadow Minister for Infrastructure, Transport, Cities and Regional Development, Shadow Minister for Tourism*

## 2:15 INDUSTRY PANEL

### How is the 'Internet of Things' reshaping our workforce?

Facilitator: Paul Harris, *Principal Engineer - Operational Control Systems, Network and Product Development*  
Public Transport Victoria  
Erin Watson-Lynn, *Director*  
Asialink Diplomacy  
Jo Kirby, *Adjunct Lecturer and PhD Candidate*  
University of Queensland

## 2:45 Running the revolutionary

Facilitator: Georgia Crouch, *Associate, Infrastructure Advisory*  
Aurecon  
Dean Dalla Valle, *CEO*  
Pacific National  
Nick Easy, *CEO*  
Queensland Rail  
Michael Bailey, *General Manager Railroad Operations*  
BHP  
Loretta Lynch, *Managing Director*  
Keolis Downer Gold Coast  
Howard Collins OBE, *Chief Executive*  
Sydney Trains

## 3:20 Where are we heading?

Facilitator: Paul Daly, *CEO*  
Rail Industry Safety and Standards Board (RISSB)  
Michelle Doolan, *Civil Engineer*  
Aurecon (*Winner, Inaugural Pitching Competition*)  
Ben Mason, *Economist*  
Arup (*Finalist, Inaugural Pitching Competition*)  
Winner, Future Leaders' Forum  
Runner up, Future Leaders' Forum

## 3:55 Where are we in the revolution: Closing summary

Danny Broad, *CEO*  
Australasian Railway Association

4:00 Close of AusRAIL PLUS 2017

## 7.00 AUSRAIL PLUS 2017 GALA DINNER

Gala Dinner Proudly sponsored by:

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**AusRAIL PLUS 2017 | Brisbane**  
Conference & Exhibition 21-23 November



## WHY SPONSOR, EXHIBIT OR ADVERTISE AT AUSRAIL PLUS 2017?

- Have access to several thousand senior executives from all over Australasia and around the world under one roof
- Raise your corporate profile, provide exposure to your products and services at an international level and increase your brand value within the global rail sector
- Network with the highest level Australasian owner/operators (end users), global manufacturers and leading figures of the rail sector
- Benefit from being heavily branded to the crème de la crème of the rail sector.

## AVAILABLE SPONSORSHIP OPPORTUNITIES:

- Gold, Silver, Bronze, Copper and Supporting
  - Exhibition Networking Drinks
  - Official Event APP
  - Delegate Bag / Compendium
  - Exhibition Show Bag
  - Corporate Delegate Lounge
  - Official Welcome Reception
  - Luncheon Hosts and Refreshments Breaks
  - Exhibition Seminar Sponsor/ Speaker \*Limited\*
- And more...

**AusRAIL 2018 | Canberra**  
Conference & Exhibition 27-28 November



This more intimate, 2-day exhibition was launched in November 2016 and the main exhibition hall is already over 50% sold! If you wish to participate in this high-contact exhibition (smaller space, but comparable delegate numbers), it is strongly recommended you book your stand before November 2017 as the high traffic locations may sell-out at AusRAIL PLUS 2017.

## GET INVOLVED. BE SEEN, BE HEARD, NETWORK!

To find out more on how to become a sponsor, exhibitor, Official Event Guide advertiser or exhibition seminar speaker at the largest combined conference and exhibition for Rail within the Asia Pacific Region, contact: **Deborah Bocoock – Director Sponsorship, Advertising & Exhibitions – AusRAIL at: [deborah.bocoock@informa.com.au](mailto:deborah.bocoock@informa.com.au) or on +61 (0) 410 689 476**

## OFFICIAL EVENT GUIDE - ADVERTISING OPPORTUNITIES:

Options still remain. An ideal way to promote your products and services and, if exhibiting, drive attendance traffic to your stand.

## NEW SPONSORSHIP OPPORTUNITIES LAUNCHING HERE FOR THE FIRST TIME:

- Next Generation Conference Scholarships
- Young Rail Professional Pitching Competition
- Rail Careers Week

Please contact **Deborah Bocoock at [deborah.bocoock@informa.com.au](mailto:deborah.bocoock@informa.com.au)** for more information on these new and innovative enrichment sponsorships.

**AusRAIL PLUS 2019 | Sydney**  
Conference & Exhibition 3-5 December



We will be launching AusRAIL PLUS 2019's Exhibition for sale during this year's event, onsite! To book your stand for AusRAIL PLUS 2019, visit stand #262 to secure the VERY BEST stand location (priority given to those contracting on-site). Mark this in your diary NOW as there will be queues, AusRAIL PLUS is heading back to Sydney!



# FLOORPLAN (at time of publication)



Please contact: Deborah Boccock to register your interest in exhibiting at: [deborah.boccock@informa.com.au](mailto:deborah.boccock@informa.com.au)

*\*Floor plan is subject to change without prior notice.*

# EXHIBITING COMPANIES

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Andrew Engineering  
Andromeda Engineering  
Ansaldo STS  
APC technology  
ARA (Australasian Railway Association)  
ArcelorMittal  
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ContiTech  
Control Logic  
CORE 2018  
CPB Contractors  
CR Rail  
CRC Industries  
CRRC Corporation  
CSE Uniserve  
CUBIS Systems  
Custom Fluidpower Australia  
DA Lighting  
Damm Cellular Systems  
Damstra Technology  
Danobat  
DB Engineering & Consulting GmbH  
DECO  
Delkor Rail  
Dellner Couplers Australia  
Derby Rubber  
DMA  
DOWNER  
DTI - Transit Surveillance & Passenger Information Systems  
edilon(sedra Australia  
EIC Activities  
EJ

Electronic & Mechanical Calibrations  
Elphinstone  
Elsafe Australia  
EMRAILS  
ENSCO RAIL AUSTRALIA  
Eurogamma  
Evolving Workshop Technologies  
Faiveley Transport  
FARO Technologies  
Ferrovie dello Stato Italiane Spa  
Finlease  
FIP  
Flexicon Australia  
FOGTEC Brandschutz GmbH & CO. KG  
Fratelli Bigaran  
FRAUSCHER Sensor Technology  
Freightquip  
Frequentis Australasia  
Fugro  
G.O.S Tool & Engineering Services  
Ganser Common Rail Systems  
Gantrail - Bexon Crane Rail  
Garrandale Rail  
Gemco Rail  
Geomatic Technologies  
George's Loader Hire  
Getac Technology Corp.  
Gioconda Ltd.  
Go Green Consulting  
Go Train Industry  
Graffiti-Enz  
Greenwood Engineering  
GS1 Australia  
Hardface Technologies  
Harsco Rail  
Hasler Rail  
Hawker Siddeley Switchgear  
Hebei Hongguang Power Equipment Co.,LTD  
Hegenscheidt  
Hitachi  
Huber+Suhner  
HYLEC Energy Solutions  
Icomera  
IKON Lifting  
IMI Norgren  
IMTRAM

Infrastructure Magazine  
Innotrans 2018  
Institute of Railway Technology  
Intertech Engineering  
Irmie Impianti S.r.l.  
Italcertifier  
Italferr  
ITS PipeTech  
J Steel Australasia  
Jaquet, A Part of TE Connectivity  
Jehbco Manufacturing  
John Holland  
JWB Construction  
Kenal (Australia P/L)  
Kennards Hire  
Key Source Rail  
KH1  
Kiepe Electric GmbH  
Knorr-Bremse Australia  
Knox Kershaw  
Kovis d.o.o.  
KTK Transport Equipment (Australia)  
Kyosan Electric Company  
L.B. Foster  
Laing O'Rourke  
Lankhorst Engineered Products  
Lantech Communications Global  
LEAP Australia  
Legend Power Systems  
Liberty OneSteel  
Liebherr-Australia  
Linmag  
Lockheed Martin  
LORAM  
Lynxrail / Lynx Engineering Consultants  
Mackay Consolidated Industries  
Maclean Power  
Magnetic Automation  
Martinus Rail  
Mason Grogan Group  
McConnell Dowell  
Melvele Equipment  
MERSEN Oceania  
Micromax

Middy's Rail Infrastructure  
Milspec Manufacturing  
Moddex  
Momentum Rail  
MOR Industries  
Morgan Advanced Materials  
MOVE People Driven Banking  
MOXA Inc  
MRX Technologies  
MTA - Metro Trains Australia  
Multitel  
MV Technology Solutions  
Navitas Engineering  
Network Rail Consulting  
Nitto Kohki  
NKT Australia  
Nomad Digital  
Northern Iron & Brass Foundry  
Noske-Kaeser Rail & Vehicles New Zealand  
Nova Systems  
Novaris  
OEM Technology Solutions  
Ogis Engineering  
Opinsta  
Optical Systems Design  
Pacific Partnerships  
Pacific Realtime  
Pandrol  
Penske Power Systems  
Perpetuum  
Phoenix Contact  
Plasser  
Plateway  
Position Partners  
Powerbox Australia  
PowerRail Australia Pty Ltd  
Precision Custom Composites  
Premier Rock Machinery  
Progress Rail  
Prorex Group  
PT Rail  
QCEquipment  
Qiqihar Jinche Industrial Co., Ltd  
Queensland Gaskets  
Queensland Government - Department of Transport and Main Roads  
Queensland Government - Queensland Rail  
Rail Control Systems

Rail Express  
Rail Management Consultants Australia  
Rail Products UK Ltd  
Railtech Australia  
Railtrain  
Railway Equipment Co.  
Railway Gazette International  
Railway Industry Association (RIA - UK)  
Raytech Gel  
Resonate Group  
Rhomborg Rail  
RISSB  
Rittal  
RITTER Starkstromtechnik  
RKR Engineering  
RMS Mors Smitt  
ROBEL  
Ross Equipment  
Roxtec Australia  
RPC Technologies  
S&V Australia  
Sabre Rail Australia  
Safeworking Solutions  
Sammode Lighting Australasia  
Sayfa Group  
Schaeffler Australia  
Schlatter Industries AG  
SCHREDER Australia  
Schunk Carbon Technology  
Selectlok  
Selectrail  
Shenyang Yuancheng Friction & Sealing Material Co.,Ltd.  
Sichuan Fangcheng Railway Construction Engineering Co.,Ltd.  
Siemens  
Sigma Air Conditioning  
SNC-Lavalin Rail & Transit  
SP Power  
Specialised Force  
SPENO Rail Maintenance  
Stantec  
Steelrod  
Sterling  
Sulzer Australia  
Sunlec  
SYDAC  
Syko Power GmbH

System7 Australia  
T6 Rail Specialists  
TCD Services  
Tekdis  
Teleste Corporation  
Teltronic  
Thermit Australia  
Thermo King  
Tiemao Glass Co.,Ltd.  
Track IQ  
TrackSAFE Foundation  
Trapeze Group  
Trelleborg  
Treotham  
Trimble Railway Asset Solutions  
TSKY Australia  
TTM Rail  
UBIMET  
UES International  
UGL  
UK Pavilion  
Unipart Rail  
Uniqco Special Vehicle  
Vector Lifting  
VisioStack Inc.  
Vista Instrumentation LLC  
VIVOTEK, INC.  
voestalpine VAE Railway Systems  
Vogelsang  
VOITH  
Vossloh AG - Vossloh  
Headquarter  
Vossloh Cogifer Australia  
Vossloh Fastening Systems  
Vulcanite  
Wabtec Australia  
Wabtec Control Systems  
Wabtec Corporation  
WAGO  
WATM Crane Sales and Services  
Westermo Data  
Communications  
White Industries  
Wiremarkers Australia  
Zeteca Rail  
Zeteca Rail Australia  
Zetron Australasia  
Zoellner Australia  
Zone Green

With more exhibitions booking daily, view the latest listing at [www.usrail.com/exhibiting17](http://www.usrail.com/exhibiting17)



# NETWORKING EVENTS + SOCIAL ACTIVITIES



## WELCOME RECEPTION

### Monday 20 November 2017

When: 4.00pm – 6.00pm

Where: Brisbane Convention & Exhibition Centre

Dress: Smart casual

Pre-registration at AusRAIL PLUS 2017 is highly recommended. With over 700 delegates attending, why not beat the rush and enjoy some early networking by attending our pre-registration and Welcome Reception.

Receive your badge in a relaxed environment, before enjoying an informal drink with colleagues to discuss the week ahead.

*This function is available to sponsor*

## AUSRAIL PLUS 2017 EXHIBITION NETWORKING DRINKS

### Tuesday 21 November 2017

When: 5.30pm – 7.30pm

Where: Exhibition Halls 1, 2, 3 & 4, Brisbane Convention & Exhibition Centre

Dress: Business Attire

One of the major networking functions at AusRAIL PLUS 2017, the Exhibition Networking Drinks will bring together, delegates, sponsors, exhibitors, speakers and other attendees to network and discuss the day's proceedings over drinks and canapés all accompanied by some light entertainment.

This is a fantastic opportunity to network with colleagues and associates in an informal atmosphere amongst the incredible 450 exhibition stands.

*This function is available to sponsor*

## RTAA YELLOW TIE DINNER

### Wednesday 22 November 2017

When: 7.00pm – 11.00pm, Pre-dinner drinks served from 6.30pm

Where: Plaza Ballroom, Brisbane Convention & Exhibition Centre

Dress: Business Attire (no need to wear a tie or scarf as you will receive your commemorative RTAA yellow tie or scarf at the event)

Eagerly anticipated every second year, the RTAA Yellow Tie Dinner is a unique social gathering where all guests receive a collectable yellow tie or scarf. Traditionally the industry's talkfest, the Yellow Tie Dinner is the place to consolidate and grow your industry contact list. The 2017 Dinner will include the presentation of the RTAA Diversity Award.

*Sponsored by*

**BOMBARDIER**

## AUSRAIL PLUS 2017 GALA DINNER

### Thursday 23 November 2017

When: 7.00pm – 11.00pm, Pre-dinner drinks served from 6.30pm

Where: Main Auditorium, Brisbane City Hall

Dress: Black Tie

The annual AusRAIL Gala Dinner is one of the highlights of the rail industry calendar and is the perfect ending to 3 full days of networking, deal making and strategic planning. Held in Brisbane City Hall's unique circular room with its ornate sculptured sky dome and 120-year-old father Henry Willis organ, the 2017 Gala Dinner will again be the occasion to celebrate the winner and finalists of the 'Young Rail Professionals Innovation Pitching Competition'.

## ARA GALA DINNER LUCKY DOOR PRIZE

Please bring your business cards to be eligible to enter the lucky door prize of a hamper which will be drawn during the Gala Dinner. Business cards will be collected during the pre-dinner drinks from 6.30pm.

*Sponsored by*

**Downer**  
Relationships creating success

# THE AUSRAIL PLUS 2017 STEERING COMMITTEE ASSOCIATIONS ARE:

## Australasian Railway Association (ARA)



The Australasian Railway Association (ARA) is the peak body representing all passenger, freight, track operators and the wider manufacturing and rail supply in Australia and New Zealand. As a not-for-profit member-based association, the ARA is actively involved in the development of rail policy with the purpose of creating an environment that will permit the Australasian rail industry to prosper and the vision is that rail will become the transport mode of choice because of its economic, environmental and social advantages.

## Rail Track Association Australia (RTAA)



The Rail Track Association Australia (RTAA), is a voluntary, not-for-profit organisation, dedicated to pursuing and promoting the interests of track infrastructure within the Australian rail sector. With a proud history which began in 1973, the RTAA brings together owners, contractors, consultants, manufacturers, suppliers, academics, research and development personnel, regulators and individuals who are part of the Australian rail track community.

## Railway Technical Society of Australasia (RTSA)



The Railway Technical Society of Australasia (RTSA) is a joint Technical Society of Engineers Australia and IPENZ New Zealand, formed to further the interests of the railway industry at large and its individual participants. The RTSA is a non-profit organisation and was established in 1997 for the purpose of promoting the co-operation of academic, industrial, commercial and governmental organisations in relation to the practice and advancement of railway technology and management in Australasia.

## Institution of Railway Signal Engineers (IRSE)



The Institution of Railway Signal Engineers (IRSE) is the only International Organisation for railway professionals involved with signalling, train control systems, associated areas of systems engineering, telecommunications and related disciplines. Formed in 1912 with its HQ in London, the IRSE has over 6,000 members spread across more than 54 Countries Worldwide. The Australasian Section of the Institution of Railway Signal Engineers was formed in 1947. The IRSE exists to expand knowledge, advance skills and competencies and to encourage high standards of professionalism for the benefit of its members and the Rail Industry. For more information please go to the website [www.irse.org.au](http://www.irse.org.au)

## OFFICIAL PUBLICATIONS

### Official AusRAIL Event Guide – Proudly Sponsored by **THALES**

The Official Event Guide is the on-site reference publication that includes the main conference program, networking function information, exhibition floor plan, exhibitor lists, Sponsored Seminar Schedule, Exhibitor Bios & Product and Services Directory and much more. It is heavily referred to throughout the 3 day event and is an exceptional publication for advertising exposure to event attendees. For advertising opportunities, [deborah.bocock@informa.com.au](mailto:deborah.bocock@informa.com.au)

### Official Media Partner – **Rail Express**

Rail Express is a daily news service and quarterly print publication, providing coverage of the Australasian freight, passenger and below rail sectors. Rail Express breaks the latest industry news as it happens, and provides opinion and analysis of the issues, events and challenges faced by rail businesses, operators and suppliers. To read the latest news or register for our free daily email newswire, visit us online at: [www.RailExpress.com.au](http://www.RailExpress.com.au)

## Media Partners



# VENUE

## AusRAIL PLUS returns to Brisbane!

Brisbane is one of the world's most welcoming cities, always evolving with new offerings, vibrant entertainment, dining, cultural and recreation precincts are within close walking distance of hotels and venues.

With an all year round idyllic climate with an average daily temperature of 23°C, Brisbane offers a quintessential Australian experience from a convenient urban base – including encounters with koalas, kangaroos, wild dolphins and migrating humpback whales – with close proximity to the Great Barrier Reef and famous beach destinations.

### Brisbane Convention & Exhibition Centre

The Brisbane Convention & Exhibition Centre is conveniently located in the beauty of the South Bank Precinct. Cultural, dining and entertainment attractions surround the Centre with public transport, including the South Brisbane Railway Station adjacent to the Convention Centre on Grey Street and South Bank Railway Station at its doorstep.

Cnr Merivale St and Glenelg Street, South Brisbane

### Exclusive Brisbane Airtrain Offer: AusRAIL PLUS 2017

Brisbane's Airtrain would like to warmly welcome you to Brisbane with this special offer of a discounted fare from Brisbane Airport into Brisbane City. The South Brisbane station, one of our city stations, is located just 378 metres from the Brisbane Convention & Exhibition Centre.

#### Promo code: AusRAIL2017

For time table and booking [www.airtrain.com.au](http://www.airtrain.com.au)





# ACCOMMODATION

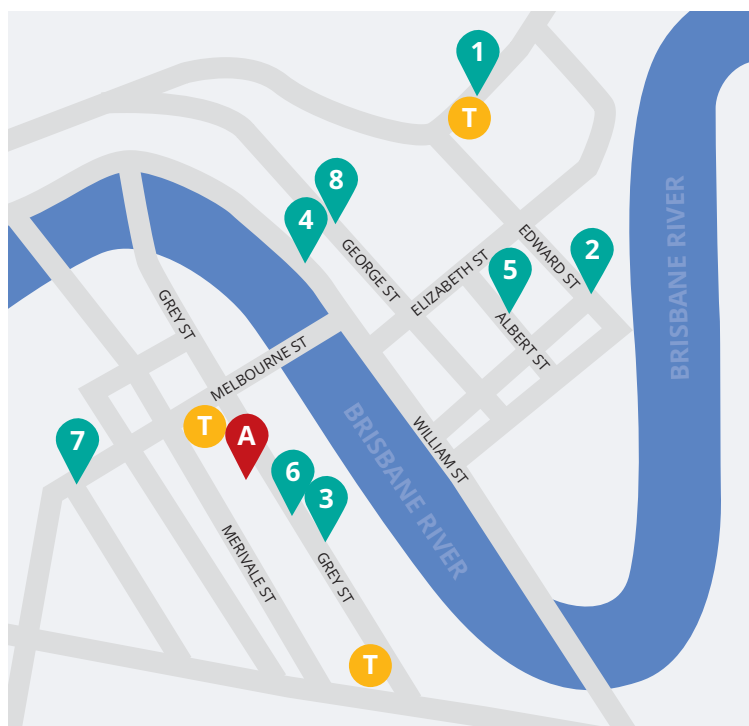
## SPECIAL ACCOMMODATION OFFER

(subject to availability)

For your convenience, we have secured rooms blocks at various hotels near the Brisbane Convention & Exhibition Centre. The rates are available and should be booked direct with Lido Group.

A limited number of rooms are available at these rates, so please book early to avoid disappointment. See 'Venue, Accommodation & City Guide' tab on website for full information or all the Lido Group on:

+61 2 8585 0808



A	AusRAIL PLUS 2017		Cnr Merivale St and Glenelg Street, South Brisbane	
	HOTEL NAME	ADDRESS	ROOM TYPE	\$ P/NIGHT
1	Sofitel Brisbane Hotel	249 Turbot St, Brisbane QLD 4000	Superior Room (room only)	\$334.00
2	Stamford Plaza Brisbane	39 Edward St, Brisbane QLD 4000	Superior King	\$330.00
3	Mantra South Bank Brisbane	Cnr Grey & Glenelg Sts, Southbank, Brisbane QLD 4000	Studio (room only)	\$201.00
4	Mercure Brisbane	85-87 North Quay, Brisbane QLD 4003	City View (room only) City View (breakfast x 1)	\$189.00 \$209.00
5	Oaks Festival Towers	108 Albert St, Brisbane QLD 4000	1 Bedroom Apartment (room only)	\$169.00
6	Rydges Southbank Brisbane	9 Glenelg St, Brisbane QLD 4101	Standard Queen (room only) Superior Queen (room only)	\$259.00 \$289.00
7	West End Central Apartments	220 Melbourne St, Brisbane QLD 4101	1 Bedroom Apartment 2 Bedroom Apartment	\$178.00 \$189.00
8	Ibis Brisbane	27-35 Turbot St, Brisbane QLD 4000	Standard Room (room only)	\$167.00

T Train Station

We strongly recommend that you book your accommodation as early as possible to ensure that you are not disappointed. Demand is likely to be high for hotel rooms during AusRAIL PLUS 2017.

Our accommodation partner The Lido Group can provide delegates of AusRAIL PLUS 2017 with access to rooms at a fantastic range of hotels across Brisbane for a variety of budgets.

**For full details on these hotels, location maps, and to book please visit the travel and accommodation section of [www.aurail.com](http://www.aurail.com)**

The above rates are subject to availability.

Need help booking? Call +61 2 8585 0808

# AusRAIL PLUS 2017

21 - 23 November 2017 | Brisbane Convention & Exhibition Centre

## Easy Ways to Register

- 1 Web**  
[www.ausrail.com](http://www.ausrail.com)
- 2 Telephone**  
+61 (0)2 9080 4025 – Quoting P17M01
- 3 Email**  
[conferences@informa.com.au](mailto:conferences@informa.com.au) – Quoting P17M01

## Stay Connected



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[www.facebook.com/AustRailAssoc/](http://www.facebook.com/AustRailAssoc/)



[www.twitter.com/AusRail](http://www.twitter.com/AusRail) (AusRAIL Event)  
[www.twitter.com/AustRail](http://www.twitter.com/AustRail) (ARA)

**# AusRAIL**



[www.youtube.com/informaoz](http://www.youtube.com/informaoz)

## Pricing Details

Register Early & Save	Standard Rate Book & pay from 14/10/2017		
Conference Package – Standard Rate	PRICE	GST	TOTAL
3 day conference – (includes conference entry, conference documentation, refreshments, lunches and networking drinks)	\$1,595	\$159.50	\$1,754.50
2 day conference – (includes conference entry, conference documentation, refreshments, lunches and networking drinks)	\$1,495	\$149.50	\$1,644.50
1 day conference – (includes conference entry, conference documentation, refreshments, lunches and networking drinks)	\$1,095	\$109.50	\$1,204.50
Conference Package – ARA Members 20% discount	PRICE	GST	TOTAL
3 day conference – (includes conference entry, conference documentation, refreshments, lunches and networking drinks)	\$1,276	\$127.60	\$1,403.60
2 day conference – (includes conference entry, conference documentation, refreshments, lunches and networking drinks)	\$1,196	\$119.60	\$1,315.60
1 day conference – (includes conference entry, conference documentation, refreshments, lunches and networking drinks)	\$876	\$87.60	\$963.60

To view your eligibility for the ARA members rate please visit the directory on the website [www.ausrail.com](http://www.ausrail.com)

Social functions – Extra	PRICE	GST	TOTAL
RTAA Yellow Tie Dinner (22 November 2017) 1 Place	\$200	\$20	\$220.00
AusRAIL PLUS 2017 Gala Dinner (23 November 2017) 1 Place	\$200	\$20	\$220.00
Table of 10: RTAA Yellow Tie and/or AusRAIL 2017 Gala Dinner	\$1,800	\$180	\$1,980.00
RTAA Yellow Tie Dinner (22 November 2017) 1 Place - ARA Member	\$180	\$18	\$198.00
AusRAIL PLUS 2017 Gala Dinner (23 November 2017) 1 Place - ARA Member	\$1,620	\$162	\$1,782.00
Table of 10: RTAA Yellow Tie and/or AusRAIL 2017 Gala Dinner - ARA Member	\$1,620	\$162	\$1,782.00

For full terms and conditions, please visit: [www.ausrail.com](http://www.ausrail.com)