# AusRAIL 2016 Planner

## Monday 21st November

**AusRAIL 2016 Welcome Reception**

4.00pm – 6.00pm  
*Proudly sponsored by*

**Government of South Australia**

Department of Planning, Transport and Infrastructure

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## Day One

**Tuesday 22nd November**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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</thead>
<tbody>
<tr>
<td>10.20am – 7.30pm</td>
<td>All day exhibition</td>
</tr>
<tr>
<td>9.00am – 12.30pm</td>
<td>Morning plenary</td>
</tr>
<tr>
<td>2.00pm – 5.30pm</td>
<td>Afternoon technical streams</td>
</tr>
<tr>
<td>RTSA Stream</td>
<td>IRSE Stream</td>
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<tr>
<td>RTAA Stream</td>
<td>Rail Suppliers Stream</td>
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<tr>
<td>5.30pm – 7.30pm</td>
<td>AusRAIL 2016 Networking Drinks</td>
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## Day Two

**Wednesday 23rd November**

<table>
<thead>
<tr>
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<tr>
<td>9.00am – 3.30pm</td>
<td>All day exhibition</td>
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<tr>
<td>9.00am – 12.20pm</td>
<td>Morning plenary</td>
</tr>
<tr>
<td>1.50pm – 4.30pm</td>
<td>Afternoon plenary</td>
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<tr>
<td>7.00pm – 11.00pm</td>
<td>AusRAIL 2016 Gala Dinner</td>
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RAIL - MOVING THE ECONOMY FORWARD

DAY ONE: TUESDAY 22 NOVEMBER 2016
FOCUS – FREIGHT
Ground Floor, Auditorium L

9.00  Welcome and opening remarks
Danny Broad, CEO, Australasian Railway Association (ARA)

9.10  Market outlook for Australia
Adrian Hart, Senior Manager, Infrastructure and Mining, BIS Shrapnel

9.40  The customer’s customer - Rail’s role in delivering expectations and improving the customer experience
• When and why we use rail in our business: The Woolworths Story
  Chris Brooks, National Transport Manager, Woolworths Limited

10.00 Making rail more competitive and profitable by introducing barcoding to better control inventory and assets
Maria Palazzolo, Chief Executive Officer, GS1 Australia

10.20  Morning tea and official exhibition opening

11.00 Australia’s transport challenge: Prioritising investment to meet the growth of our cities
Marion Terrill, Transport Program Director, Grattan Institute

11.20  Rail in an environment of innovation, competition and opportunity
Hon John Anderson AO, Chair, Australasian Centre for Rail Innovation (ACRI)

11.40  FORUM | Investment and innovation: How can we fast-forward change in the freight game
Facilitator: Nicole Lockwood, Chair, Freight and Logistics Council WA
John Fullerton, CEO, ARTC
Paul Larsen, CEO, Brookfield Rail
Greg Pauline, Managing Director, Genesee & Wyoming
Mick Cronin, General Manager Strategy & Commercial, NSW Ports

12.30 Lunch followed by Afternoon Technical Sessions
<table>
<thead>
<tr>
<th>Time</th>
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<tr>
<td>2.00</td>
<td>Technical speakers meeting</td>
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<tr>
<td>2.10</td>
<td>Opening remarks from the Chair</td>
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<tr>
<td></td>
<td>John Watsford, Rail Engineering Consultant</td>
<td>David Bainbridge, Director Strategic Projects, Systra Scott Lister</td>
<td>Simeon Cox, Consultant Signalling Engineer, DPTI</td>
<td>Stephan van der Lit, Principal Consultant, hdl Rail and Mass Transit Services</td>
</tr>
<tr>
<td>2.15</td>
<td>Sydney Metro: Planning a new metro beneath Sydney Harbour and the CBD</td>
<td>Rail level crossings Sudden death, early retirement or merely a midlife crisis: The performance of SC 47kg/m rail in ARTC’s Interstate Network</td>
<td>Rail level crossings Near misses in remote locations: Investigating rail level crossing incidents in the Pilbara</td>
<td>Innovation and sustainability</td>
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<td></td>
<td>Geoff Bateman, Sydney Metro Manager Civil Works Underground Infrastructure, Transport for NSW</td>
<td>Nick Petticrew, Rail Performance Manager, Interstate Network, ARTC</td>
<td>Paul Salmon, Professor Human Factors, Centre for Human Factors and Sociotechnical Systems, University of the Sunshine Coast</td>
<td>Daniel Dunoyé, Business Development Expert, System &amp; Infrastructure, Alstom Asia Pacific</td>
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<td></td>
<td>Les Kulesza, Principal Advisor, Network Development, Yarra Trams</td>
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<td>Sophie Hennes, APAC CSR &amp; Sustainability Officer, Alstom Asia Pacific</td>
</tr>
<tr>
<td>2.40</td>
<td>Modernising light rail infrastructure to meet the demands of a growing city</td>
<td>Non-ballasted track forms: A survey of global best practices</td>
<td>Near misses in remote locations: Investigating rail level crossing incidents in the Pilbara</td>
<td>How to assess the true value of technology investments</td>
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<td></td>
<td>Mike Ford, Senior Track &amp; Civil Design Engineer, Jacobs</td>
<td>Maneesh Gupta, Technical Director, AECOM Australia</td>
<td>Dr Anjum Naweed, Principal Research Fellow, Australasian Centre for Rail Innovation</td>
<td>Cameron Collie, National Program Manager – Rail, Quintiq</td>
</tr>
<tr>
<td>3.05</td>
<td>Perth’s urban rail renaissance</td>
<td>A cost-effective alternative to conventional concrete track slab design and construction</td>
<td>Level Crossing Power Supply Design for Safety</td>
<td>Australia’s cities of tomorrow: Light rail as an agent for change</td>
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<td></td>
<td>Dr Philip Laird, Honorary Principal Fellow, University of Wollongong</td>
<td>Todd Clarke, Sales Engineer, Elasto Plastic Concrete</td>
<td>Ian Maydew, Signal Engineer Standards, ARTC</td>
<td>Toby Lodge, Light Rail Sector Lead and Principal, Hassell</td>
</tr>
<tr>
<td>3.30</td>
<td>Afternoon tea served within the exhibition</td>
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<td>Afternoon tea served within the exhibition</td>
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### AFTERNOON TECHNICAL STREAMS

**Tuesday 22nd November 2016 | 4.10pm – 5.30pm**

<table>
<thead>
<tr>
<th>RTSA Stream</th>
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<tbody>
<tr>
<td>Hall L, Ground Floor</td>
<td>Panorama Room 3, Upper Level</td>
<td>Panorama Room 2, Upper Level</td>
<td>Panorama Room 1, Upper Level</td>
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<tr>
<td><strong>4.00</strong>  Technical speakers meeting</td>
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</tr>
<tr>
<td>Bill Laidlaw, Rail Engineering Consultant</td>
<td>Allan Logan, Treasurer, RTAA</td>
<td>Trevor Moore, Signalling Standards Engineer, ARTC</td>
<td>Stephan van der Lit, Principal Consultant, hdL Rail and Mass Transit Services</td>
</tr>
<tr>
<td><strong>4.15</strong>  Value capture and other innovations in rail procurement</td>
<td><strong>4.15</strong>  Advances in tamping technology</td>
<td><strong>4.15</strong>  Comparison of advanced train control solutions for freight lines in Australia – “Moving Freight Forward”</td>
<td><strong>4.15</strong>  Opening opportunities with connected thinking: Disruption, innovation &amp; technologies in the future of rail</td>
</tr>
<tr>
<td>Owen Hayford, Partner, Clayton Utz</td>
<td>Roger Grossniklaus, Marketing and Sales Director, MATISA Materiel Industriel</td>
<td>Dr Brenton Atchison, Engineering Manager, Advanced Signalling, Siemens</td>
<td>Ben Harland, Transport Digital Delivery Leader, Mott MacDonald</td>
</tr>
<tr>
<td><strong>4.40</strong>  Integration of multi-mode passenger information for regional train and coach operations</td>
<td><strong>4.40</strong>  Future on rail: Economical ecological track maintenance</td>
<td><strong>4.40</strong>  Long term strategy for wayside systems</td>
<td><strong>4.40</strong>  Challenges in developing an efficient bridge design for the ETTT Viaduct</td>
</tr>
<tr>
<td>Mark Wood, General Manager Communications - Electronics, 4Tel</td>
<td>Rainer Wenity, Manager Strategic Marketing and Roman Wiesinger, Executive Assistant, Plasser &amp; Theurer Austria</td>
<td>Deepak Jagan, Wayside Engineering Analyst, ARTC</td>
<td>Penny Campbell, Structural Engineer, WSP</td>
</tr>
<tr>
<td>Tony Crosby General Manager – Services, 4Tel</td>
<td><strong>5.05</strong>  Hydraulic Tamping: A Glimpse into the Future</td>
<td><strong>5.05</strong>  Next generation of high performance turnout renewals</td>
<td><strong>5.05</strong>  Building a business case for an Energy Storage System (ESS) in a rail network</td>
</tr>
<tr>
<td><strong>5.05</strong>  Rolling stock fire safety: A global view</td>
<td>Sam Botterill, Managing Director, System7 Australia</td>
<td>Matthias Mannhart, Director Rhomberg Sersa Technology, Sersa Maschineller Gleisbau</td>
<td>Caroline Phillips, Area Sales Manager – Transportation, ABB Australia</td>
</tr>
<tr>
<td>Lachlan Henderson, Fire Engineer, Metro Trains Melbourne</td>
<td><strong>5.30</strong>  Closing remarks from the Chair</td>
<td>Henrik Vocks, Manager Technical Services, Rhomberg Rail Australia</td>
<td>Kacper Sokol, Sales Channel Manager, ABB Poland</td>
</tr>
<tr>
<td><strong>5.30</strong>  Closing remarks from the Chair</td>
<td>Additional paper: Turnout grinding: Why and how</td>
<td><strong>5.30</strong>  Closing remarks from the Chair</td>
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<tr>
<td>Simon Thomas, Application Engineer, Speno Rail Maintenance Australia</td>
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### Additional paper:

- **Turnout grinding: Why and how**
  - Simon Thomas, Application Engineer, Speno Rail Maintenance Australia

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**5:30 – 7:30**

**AusRAIL 2016 Exhibition Networking Drinks**

Exhibition Halls F, G & H

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For agenda updates, visit [www.ausrail.com/agenda](http://www.ausrail.com/agenda)
DAY TWO: WEDNESDAY 23 NOVEMBER 2016
FOCUS—PASSENGER
Ground Floor, Auditorium L

9.00  Welcome and opening remarks
Danny Broad, CEO, Australasian Railway Association (ARA)

9.10  ARA Chairman’s Address
Bob Herbert AM, Chairman, Australasian Railway Association (ARA)

INTERNATIONAL KEYNOTE ADDRESS
9.30  Wheels of fortune: MTR’s Value Capture Model
Terry Wong, Head of Australian Business, MTR Corporation Limited

10.00 Morning tea—served within the Exhibition

10.40  Forum | Women in rail
Facilitator: David Irwin, CEO, Pacific National
Naomi Frauenfelder, Executive Director, TrackSAFE Foundation
Luba Grigorovitch, Victorian Branch Secretary, Rail, Tram and Bus Union
Rowenna Walker, Global Service Leader, Rail and Mass Transit, Aurecon
Jenny McAuliffe, Executive General Manager People, ARTC
Eva Wood, Director of Operations, Transport Group, Jacobs
Prof Robert Wood, Director, Centre for Ethical Leadership
Rene Lalande, CEO, Transdev Australia

11.25  Young Rail Professionals Innovation Pitching Competition
Industry leaders:
Sue McCarrey, CEO, The Office of the National Rail Safety Regulator
Alan Beacham, Executive General Manager Rail & Defence, UGL
Andrew Lezala, Managing Director, Metro Trains Australia

Finalists:
CBD Solar light rail
Alexandra Baranksi, Graduate Engineer (Electrical), Aurizon

A smarter rail way – Intelligent monitoring assets

The use of passive soundwave interpretation along rails to detect and predict rail defects, lubrication quality and thermal factors
James Donovan, Graduate Engineer, Metro Trains Melbourne

Delightful diversion? Generating public excitement for rail infrastructure
Michelle Doolan, Civil & Environmental Engineer, Aurecon/MMRA

Revisiting economic appraisal for rail projects
Ben Mason, Economist, Arup

12.20  Lunch—served within the Exhibition
A TALE OF TWO CITIES

1.50  Metro in Sydney
Rodd Staples, Program Director, Sydney Metro, Transport for NSW

2.10  Metro in Melbourne
Evan Tattersall, CEO, Melbourne Metro Rail Authority (MMRA)

2.30  How will sustainable urban passenger transport systems deliver Australia's future infrastructure needs?
Dr Michelle Zeibots, Research Director, Institute for Sustainable Futures & Senior Lecturer, Faculty of Engineering & Information Technology, University of Technology Sydney

3.00  Afternoon tea – served within the Exhibition

3.30  FORUM | Technology, Social Media and Big Data: Embracing change to improve the customer offering
Facilitator: Prof Graham Currie, Chair of Public Transport and Director, Public Transport Research Group, Institute of Transport Studies, Monash University
Howard Collins, Chief Executive, Sydney Trains
Andrew Lezala, Managing Director, Metro Trains Australia
Andrew Dudgeon, Managing Director, Bombardier Transportation
Loretta Lynch, Managing Director, Gold Coast Light Rail, Keolis Downer
Kevin Wright, Chief Operating Officer, Queensland Rail
Michael Miller, CEO, Downer Rail
Paul Gelston, Chief Operating Officer, Department of Planning, Transport and Infrastructure, South Australia

4.30  Close of AusRAIL 2016 followed by Gala Dinner

7.00 – 11.00pm
Commencing with pre-dinner drinks at 6.30pm

AusRAIL 2016 Gala Dinner
Halls M, N & O, Adelaide Convention Centre

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