

Rail – Moving the economy forward
ADELAIDE CONVENTION AND EXHIBITION CENTRE

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

Day One
Tuesday 22nd November

10.20am – 7.30pm
All day exhibition

9.00am – 12.30pm
Morning plenary

2.00pm – 5.30pm
Afternoon technical streams

RTSA Stream

IRSE Stream

RTAA
Stream

Rail
Suppliers
Stream

5.30pm – 7.30pm
AusRAIL 2016 Networking Drinks

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Day Two
Wednesday 23rd November

9.00am – 3.30pm
All day exhibition

9.00am – 12.20pm
Morning plenary

1.50pm – 4.30pm
Afternoon plenary

7.00pm – 11.00pm
AusRAIL 2016 Gala Dinner

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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

AFTERNOON TECHNICAL STREAMS

Tuesday 22nd November 2016 | 2.10pm – 3.30pm

RTSA Stream Hall L, Ground Floor	RTAA Stream Panorama Room 3, Upper Level	IRSE Stream Panorama Room 2, Upper Level	Rail Suppliers Stream Panorama Room 1, Upper Level
2.00 Technical speakers meeting	2.00 Technical speakers meeting	2.00 Technical speakers meeting	2.00 Technical speakers meeting
2.10 Opening remarks from the Chair John Watsford, Rail Engineering Consultant	2.10 Opening remarks from the Chair David Bainbridge, Director Strategic Projects, Systra Scott Lister	2.10 Opening remarks from the Chair Simeon Cox, Consultant Signalling Engineer, DPTI	2.10 Opening remarks from the Chair Stephan van der Lit, Principal Consultant, hdL Rail and Mass Transit Services
2.15 Sydney Metro: Planning a new metro beneath Sydney Harbour and the CBD Geoff Bateman, Sydney Metro Manager Civil Works Underground Infrastructure, Transport for NSW	2.15 Rail level crossings Sudden death, early retirement or merely a midlife crisis: The performance of SC 47kg/m rail in ARTC's Interstate Network Nick Petticrew, Rail Performance Manager, Interstate Network, ARTC	2.15 Rail level crossings Paul Salmon, Professor Human Factors, Centre for Human Factors and Sociotechnical Systems, University of the Sunshine Coast	2.15 Innovation and sustainability Daniel Dunoyé, Business Development Expert, System & Infrastructure, Alstom Asia Pacific Sophie Hennes, APAC CSR & Sustainability Officer, Alstom Asia Pacific
2.40 Modernising light rail infrastructure to meet the demands of a growing city Mike Ford, Senior Track & Civil Design Engineer, Jacobs Les Kulesza, Principal Advisor, Network Development, Yarra Trams	2.40 Non-ballasted track forms: A survey of global best practices Maneesh Gupta, Technical Director, AECOM Australia	2.40 Near misses in remote locations: Investigating rail level crossing incidents in the Pilbara Dr Anjum Naweed, Principal Research Fellow, Australasian Centre for Rail Innovation	2.40 How to assess the true value of technology investments Cameron Collie, National Program Manager – Rail, Quintiq
3.05 Perth's urban rail renaissance Dr Philip Laird, Honorary Principal Fellow, University of Wollongong	3.05 A cost-effective alternative to conventional concrete track slab design and construction Todd Clarke, Sales Engineer, Elasto Plastic Concrete	3.05 Level Crossing Power Supply Design for Safety Ian Maydew, Signal Engineer Standards, ARTC	3.05 Australia's cities of tomorrow: Light rail as an agent for change Toby Lodge, Light Rail Sector Lead and Principal, Hassell
3.30 Afternoon tea served within the exhibition	3.30 Afternoon tea served within the exhibition	3.30 Afternoon tea served within the exhibition	3.30 Afternoon tea served within the exhibition

AFTERNOON TECHNICAL STREAMS
Tuesday 22nd November 2016 | 4.10pm – 5.30pm

RTSA Stream Hall L, Ground Floor	RTAA Stream Panorama Room 3, Upper Level	IRSE Stream Panorama Room 2, Upper Level	Rail Suppliers Stream Panorama Room 1, Upper Level
4.00 Technical speakers meeting	4.00 Technical speakers meeting	4.00 Technical speakers meeting	4.00 Technical speakers meeting
4.10 Opening remarks from the Chair Bill Laidlaw, Rail Engineering Consultant	4.10 Opening remarks from the Chair Allan Logan, Treasurer, RTAA	4.10 Opening remarks from the Chair Trevor Moore, Signalling Standards Engineer, ARTC	4.10 Opening remarks from the Chair Stephan van der Lit, Principal Consultant, hdL Rail and Mass Transit Services
4.15 Value capture and other innovations in rail procurement Owen Hayford, Partner, Clayton Utz	4.15 Advances in tamping technology Roger Grossniklaus, Marketing and Sales Director, MATISA Materiel Industriel	4.15 Comparison of advanced train control solutions for freight lines in Australia – “Moving Freight Forward” Dr Brenton Atchison, Engineering Manager, Advanced Signalling, Siemens	4.15 Opening opportunities with connected thinking: Disruption, innovation & technologies in the future of rail Ben Harland, Transport Digital Delivery Leader, Mott MacDonald
4.40 Integration of multi-mode passenger information for regional train and coach operations Mark Wood, General Manager Communications - Electronics, 4Tel Tony Crosby General Manager – Services, 4Tel	4.40 Future on rail: Economical ecological track maintenance Rainer Wenty, Manager Strategic Marketing and Roman Wiesinger, Executive Assistant, Plasser & Theurer Austria	4.40 Long term strategy for wayside systems Deepak Jagan, Wayside Engineering Analyst, ARTC	4.40 Challenges in developing an efficient bridge design for the ETTT Viaduct Penny Campbell, Structural Engineer, WSP Parsons Brinckerhoff
5.05 Rolling stock fire safety: A global view Lachlan Henderson, Fire Engineer, Metro Trains Melbourne	5.05 Hydraulic Tamping: A Glimpse into the Future Sam Botterill, Managing Director, System7 Australia	5.05 Next generation of high performance turnout renewals Matthias Mannhart, Director Rhomberg Sersa Technology, Sersa Maschineller Gleisbau Henrik Vocks, Manager Technical Services, Rhomberg Rail Australia	5.05 Building a business case for an Energy Storage System (ESS) in a rail network Caroline Phillips, Area Sales Manager – Transportation, ABB Australia Kacper Sokol, Sales Channel Manager, ABB Poland
5.30 Closing remarks from the Chair	5.30 Closing remarks from the Chair	5.30 Closing remarks from the Chair	5.30 Closing remarks from the Chair
	Additional paper: Turnout grinding: Why and how Simon Thomas, Application Engineer, Speno Rail Maintenance Australia		

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

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

Jason Bridgman, Systems Development and Support, Train Planning, Operations

Planning, Operations, **Sydney Trains**

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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