


PRESENTING THE 24TH

RISSB
RAIL INDUSTRY SAFETY AND STANDARDS BOARD

Rail Safety Conference

 30 April - 1 May 2024

 Grand Hyatt Melbourne

Australia's Co-Regulatory Model: Don't Throw out the Baby with the Bathwater



CORE THEMES

- Co-regulation
- Rail Safety
- Rail Safety Case Studies
- Level Crossing Safety
- Human Factors
- Innovation & Technology



SPECIAL FEATURES

- **RISSB Rail Safety Awards 2024**
- Bringing together over 40 respected rail safety experts and champions
- Interactive panel sessions & expert analysis
- Practical learnings
- Video recorded sessions for post-event access On Demand



NEW TO 2024

RAIL SAFETY MOCK TRIAL

- Assess a mock incident and investigation
- Review the legal arguments of a mock trial
- Cast your vote on the final verdict



KEYNOTE SPEAKERS



Senator the Hon Carol Brown,
Assistant Minister for Infrastructure and Transport



Dr Natalie Pelham, *Chief Executive, ONRSR*



Carolyn Walsh, *Chair, NTC*



INTERNATIONAL CASE STUDIES



Chau Fat Chan, *Assistant Director / Railways, EMSD HKSAR Government*



Russell McMullan, *GM Assurance and Integration, City Rail Link New Zealand*

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RISSB Rail Safety Conference

Tuesday 30 April 2024

DAY 1

8:55 Safety briefing

9:00 Welcome to Country

9:10 **OPENING | Chair & RISSB Welcome**

Damien White, *CEO, RISSB*

KEYNOTES

9:15 **Regulator's update**

Dr Natalie Pelham, *Chief Executive, ONRSR*

9:45 **Leading change to regulatory efficiency**

Carolyn Walsh, *Chair, NTC*

10:15 **RISSB Address**

Damien White, *CEO, RISSB*

10:30 Morning tea and networking break

THEME 1: CO-REGULATION

11:00 **SAFETY LEADERS' PANEL**

Facilitator: Tim Kuypers, *Board Member, RISSB*

Panelists: Peter Doggett, *Chief Operating Officer, ONRSR*

Kirsty Baxter, *National Rail Safety Manager and H&S Manager - Rail, McConnell Dowell*

Jessica Tiwade, *General Manager - People, Governance & Risk, Arc Infrastructure*

Ben Fountain, *Head of Safety Health & Environment, Aurizon*

11:40 **Safety through interoperability and harmonisation**

Brad Moorhouse, *Group Executive Engineering & Systems, ARTC*

12:00 **Prosecuting in the current rail regulatory environment**

Amy Davis, *Senior Legal Counsel, ONRSR*

12:20 **MOCK TRIAL | Part 1: Introduction to incident, investigation and trial**



12:40 Lunch and networking break

THEME 2: RAIL SAFETY

Afternoon Chair | Genevieve Nix, *RISSB Board Member & Chief HSE and Sustainability Officer, Pacific National*

13:40 **Australia's leading rail business: Through consultation**

Nick Mountford, *Head of Health, Safety, Environment and Quality, Downer*

14:00 **Integrating differential GPS devices into application-based work on track authority systems to improve rail worker location assurance**

Dylan Hoskin, *Operational Systems Engineer, Aurizon*

Emmanuel Cindric, *Operational Systems Engineer, Aurizon*

14:20 **A new approach to track protection**

Kevin Morrison, *Head of Infrastructure Safety, Metro Trains Melbourne (MTM)* Dr Julia Pitsopoulos, *Director, Human Factors Risk Management (HFRM)*

14:40 **Business as usual: Is it safe or are we missing the obvious?**

Crispian Fitzhardinge, *Operational Readiness Specialist - Rail | Sustaining Capital, Rio Tinto*

15:00 Afternoon networking break

THEME 3: RAIL SAFETY CASE STUDIES

15:30 **City Rail Link Case study**

Russell McMullan, *GM Assurance and Integration, City Rail Link New Zealand*

15:50 **Ten years of continuous improvement: Halving serious safety incidents since 2013**

James McMillan, *Chief Safety Officer, Keolis Downer Yarra Trams*

16:10 **Finding better ways to protect team members**

Tristan Lynn, *Manager Health Environment & Communities, Rio Tinto*

16:30 **The Rail Industry Worker Program's Role in Enhancing Rail Safety** - Griffin Smith, *Key Account Manager, Metro Trains Australia*

16:50 **MOCK TRIAL | Part II: The Investigation**



17:20 Summary and End of Conference Day One

CONFERENCE DINNER

RISSB RAIL SAFETY AWARDS 2024

18:30 Pre-dinner drinks

19:00 **Conference dinner and Rail Safety 2024 Awards Ceremony at Luminare Rooftop in Melbourne**

Join us to celebrate industry's achievements and commitment to safety, excellence and innovation.

Separately bookable, the Awards Dinner is open exclusively to speakers, sponsors, award finalists and conference attendees. With the heartbeat of the city pulsing below us, and the excitement and anticipation of the Award announcements around us, everyone will feel on top of the world at this year's dinner!

AWARD CATEGORIES INCLUDE:

- Safety Leadership Program
- Frontline Worker Safety Initiative
- Community Safety
- Emerging Leader
- Industry Safety Professional of the Year

Visit www.rissb.com.au/rissb-rail-safety-awards to submit your nomination.

Available to sponsor



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RISSB Rail Safety Conference

Wednesday 1 May 2024

DAY 2

9:00 Safety briefing & welcome

Chair | Mark Carling, **RISSB Board Member** & APAC Regional Managing Director, **Unipart Rail**

THEME 4: LEVEL CROSSING SAFETY

9:10 **Review of level crossing collisions involving heavy road vehicles in Australia**

Angus Mitchell, *Chief Commissioner and Chief Executive Officer, ATSB*

9:30 **A systems thinking analysis of fatal rail level crossing collisions: What can we learn?**

Associate Professor Gemma Read, *Co-Director, Centre for Human Factors and Sociotechnical Systems, University of the Sunshine Coast*

9:50 **Augmented level crossing warning system trials**

Paul Bennett, *Senior Technology Leader, National Transport Research Organisation (NTRO)*
Phil Lock, *Commercial Manager, ARCS Group*

10:10 Morning Tea and Networking

10:50 KEYNOTE

The Federal Government's priorities for national rail safety regulation, collaboration and innovation

Senator the Hon Carol Brown, *Assistant Minister for Infrastructure and Transport*

THEME 5: HUMAN FACTORS

11:20 **Mastering the equation: Balancing technology adoption with human readiness**

Dr Sara Pazell, *Principal Work Design Strategist, ViVA health at work*

11:40 **Driving employee behaviour to positively impact safety**

Rebecca Blewitt, *Senior Manager – Marketing & Communications, Downer*

Brendan Poile, *General Manager – National Zero Harm, Downer*

12:00 Lunch and Networking Break

AFTERNOON CHAIR | Sudha Niles, *General Manager, Products & Innovation, RISSB*

13:00 CHIEF ENGINEERS' PANEL

Network resilience – the climate challenge

Facilitator: Tony Braxton-Smith, *Board Member, RISSB*

Panelists: Amy Lezala, *Chief Engineer – Rail Network Design & Integration, Department of Transport and Planning Victoria*

Dr Christian Christodoulou, *Director Engineering, Transport for NSW*

Chris Van Berendonck, *Chief Engineer, Queensland Rail*

Melanie Mackie, *Head of Operations Standards, ARTC*

13:40 **MOCK TRIAL | Part III: Legal arguments and the final verdict**



14:10 Afternoon tea and networking break

THEME 6: INNOVATION & TECHNOLOGY

14:50 **Universal AI interacted automated scenario tester**

Chau Fat Chan, *Assistant Director / Railways, EMSD HKSAR Government*

15:10 **Steering transformation: The role of AI and large language models in systems engineering and safety assurance within the railway industry**

Daniel Munoz Zambrano, *Principal Consultant - Systems Engineering, Acmena and Wilson Law, Electrical Engineering Student and Intern, Acmena Group*

15:30 **Data-driven safety: Pioneering rail operations with enhanced analytics**

Jason Zhou, *Technology Strategy Engineer, Downer*

Neal Roebuck, *Program Manager Robotics & Automation, Downer RTS*

16:10 **Line of sight assessment using a digital workflow**

David Presley, *Director, Agonics*

16:30 Closing remarks – End of conference



RISSB Rail Safety Conference

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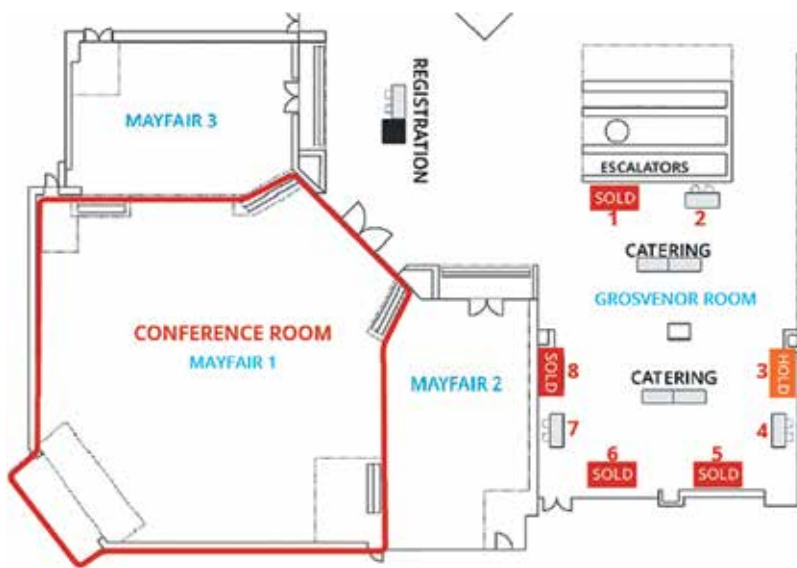
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- Manufacture and maintain 70 High Capacity Metro Trains in Victoria.

But we couldn't do all of this without our incredible colleagues, as well as our commitment to Safety. At Downer, Safety is paramount with Zero Harm embedded in everything we do.



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The RISSB Rail Safety Conference will bring together government bodies, railway operators, engineers, project managers and industry experts and stakeholders from across the rail safety spectrum.

To showcase your services, expertise and product to the rail safety professionals and decision makers at this established industry gathering, contact:

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VENUE DETAILS

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We acknowledge the Traditional Owners of Narrm, the Wurundjeri Woi Wurrung people of the Kulin Nation on whose site we will be gathering.

We acknowledge all Traditional Owners and Custodians of Australia and their continuing connections to the land, waters and communities and pay our respects to them and to their Elders past, present and emerging.

RISSB Rail Safety Conference

30 April – 1 May 2024 | Grand Hyatt Melbourne

Easy Ways to Register

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www.railsafetyconference.com.au

2 Telephone
+61 (0)2 9080 4307 – Quoting P24M04

3 Email
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Pricing Details

Register Early & Save	Early Bird Rate: Book & pay by 8 March 2024				Standard Rate: Book & pay from 9 March 2024		
Conference Package	PRICE	GST	TOTAL	SAVE	PRICE	GST	TOTAL
Two day conference	\$2,295.00	\$229.50	\$2,524.50	\$400	\$2,695.00	\$269.50	\$2,964.50
RISSB Member Rate	\$1,836.00	\$183.60	\$2,019.60	\$320	\$2,156.00	\$215.60	\$2,371.60
Virtual Pass	\$1,295.00	\$129.50	\$1,424.50	\$100	\$1,595.00	\$159.50	\$1,754.50
RISSB Member Virtual Rate	\$1,036.00	\$103.60	\$1,139.60	\$240	\$1,276.00	\$1,276.00	\$2,552.00
YOUNG PROFESSIONALS REGISTRATION* (UNDER 35)	PRICE	GST	TOTAL	SAVE	PRICE	GST	TOTAL
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RISSB Member Rate	\$1,036.00	\$103.60	\$1,139.60	\$320	\$1,356.00	\$135.60	\$1,491.60
Virtual Pass	\$595.00	\$59.50	\$654.50	\$300	\$895.00	\$89.50	\$984.50
RISSB Member Virtual Rate	\$476.00	\$47.60	\$523.60	\$240	\$716.00	\$71.60	\$787.60
CONFERENCE DINNER	PRICE	GST	TOTAL				
Single Ticket	\$275.00	\$27.50	\$302.50				
Table of 10	\$2,750.00	\$275.00	\$3,025.00				
RISSB Member - Single Ticket	\$220.00	\$22.00	\$242.00				
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20% RISSB MEMBERS DISCOUNT

All current RISSB Members are entitled to this exclusive discount which is applied across all conference and Awards dinner packages. Visit www.rissb.com.au/membership/ to discover the many benefits of RISSB Membership.

50% YOUNG RAIL PROFESSIONALS DISCOUNT

Informa and RISSB are delighted to offer subsidised conference registration fees to young rail professionals, aged 35 years old and under on 1 May 2024, to attend this year's conference.

Note: You will be required to provide ID on the day of the event.

EXTRA DISCOUNTS FOR GROUP BOOKINGS

Bring along the team to enjoy the learnings, information and networking opportunities available. Conference registration discounts start from groups of 5 or more people.

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