

IRSE

Institution of Railway Signal Engineers
AUSTRALASIAN SECTION

2024 Technical Meeting
Perth, Western Australia
PROGRAMME



INSTITUTION OF RAILWAY SIGNAL ENGINEERS

2024 TECHNICAL MEETING

PERTH, WESTERN AUSTRALIA

“Back to Basics”

The use of new ideas leading to improvements in rail control, signalling and communications systems, whilst at the same time, retaining basic principles including those involving design, testing and human factors.



Thursday 10th October to Saturday 12th October 2024

Perth Convention & Exhibition Centre (PCEC)

21 Mounts Bay Road, PERTH, WA 6000











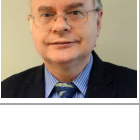
2024 Technical Meeting Perth, Western Australia PROGRAMME

Thursday 10 October 2024:

Training Seminar (Optional)

Management of Testing and Commissioning for Signalling and Control Systems

Perth Convention & Exhibition Centre (PCEC) Level 2, Meeting Room 7

		Registration Arrival Tea and Coffee Level 2 Foyer, PCEC
	09:20	Welcome & Housekeeping Overview – Arvind Maharaj Level 2, Meeting Room 7
	09:30	Introduction
	09:35	Topic 1 - Responsibility and Safe Outcomes – Trevor Moore
	10:30	Activity, discussions and questions
	10:45	Morning Tea
	11:15	Topic 2 – Testing and Commissioning Activities – Trevor Moore
	12:15	Activity, discussions and questions
	12:30	Lunch
	13:30	Topic 3 - Management Plans for all activities and contingencies - Trevor Moore
	14:30	Activity, discussions and questions
	14:45	Afternoon Tea
	15:15	Topic 4 – Systems into service and records – Trevor Moore
	16:15	Activity, discussions and questions
	16:30	Wrap Up and issue of certificates









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Friday 11 October 2024:

Technical Meeting – Back to Basics

Perth Convention & Exhibition Centre (PCEC)
Level 2 – Meeting Rooms 1&2 Combined

	08:00	Conference Registration, Coffee & Tea, Trade Displays
	09:00	Welcome & Housekeeping Overview Arvind Maharaj IRSE Australasian Section - WA Section Level 2 – Meeting Rooms 1&2 Combined
	09:05	Conference Opening John Skilton – Chairperson, IRSE Australasian Section
	09:15	Keynote Address Transformation of Perth’s public transport system Garry Taylor – Executive Director Project Delivery Public Transport Authority, WA
	09:45	Technical Paper 1 Designing the Layout Peter Burns FIRSE PYB Consulting Pty Ltd
	10:25	Morning Tea & Trade Displays Trade Display Area Level 2 Foyer – PCEC Morning Tea sponsored by Hitachi Rail
	11:05	Technical Paper 2 Implementation of High-Capacity Signalling (HCS) in Perth Vipin Kumar MIRSE Public Transport Authority, WA
	11:40	Technical Paper 3 On-board Configuration Management for Testing and Commissioning over a Large Fleet Javier Gonzales & Bin Zhu Hitachi Rail STS
	12:20	Lunch & Trade Displays Trade Display Area Level 2 Foyer – PCEC Lunch sponsored by Aurora Engineering

	13:30	Technical Paper 4 Back To Basics for CBTC Dr Frank Heibel FIRSE Doc Frank Rail Services
	14:10	Technical Paper 5 Signalling Maintenance Schedule Optimisation Brenella Pasquale Public Transport Authority, WA
	14:45	Afternoon Tea & Trade Displays Trade Display Area Level 2 Foyer – PCEC Afternoon Tea sponsored by Scadent Group
	15:15	Technical Paper 6 Train Control System Information Management – What is “just right” and how do we get there? Kara Symes Public Transport Authority, WA
	15:50	Technical Paper 7 Adaptive Configuration Management – Meeting the Challenges of Modern Rail Systems Miran Mukerji WSP Australia
	16:30	Closing remarks from the Chair
	16:45	Close of Day 1 Technical Sessions
	19:00	Pre-Dinner Drinks River View Room 5 Dinner Drinks sponsored by JMDR
	19:30	IRSE Technical Meeting Gala Dinner River View Room 5 Dinner – 3 course, wine, beer & soft drinks Dress: Business Attire Dinner sponsored by JMDR
	22:30	Dinner concludes.



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Saturday 12 October 2024:

Site Visit Program

	<p>Notes: <i>PPE: Safety boots and orange hi-vis vest, trousers & long-sleeve shirt, helmet and clear safety glasses are required for the site visit(s).</i> <i>All sites: ZERO tolerance for alcohol and drugs.</i></p> <p>Delegates are to make their own way from CBD to Perth Transport Centre (PTC) – use East Perth Station</p>	
	<p>07:45 Board Coach - Perth Transport Centre (PTC) 08:00 Depart and travel to Bellevue Rail Car Depot (sharp) - Site of new C Series Train Manufacturing Facility (new)</p> <p>8:40 Arrive at the Bellevue Rail Car Depot - Safety & Induction brief - Separate into smaller groups (if/as required)</p> <p>Tour of Bellevue Rail Car Depot (Acknowledgement to: Fabrice Ponti, Alstom Project Director)</p> <p>10:00 Morning Tea Facilities kindly provided by ALSTOM Transport Australia Pty Ltd</p> <p>10:30 Depart Bellevue Rail Car Depot (<i>please board coach promptly</i>)</p>	
	<p>11:10 Arrive Ellenbrook (new) Station (station signalling tested, not in revenue service, currently in driver training operation only) <i>6 Star Green Star - Railway Stations v1.1 certification</i></p> <p>11:15 Separate into smaller groups 11:20 - 12:20 - Inspect Station Equipment Room (new) - View Station area (access onto station itself is restricted) <i>PTA guides will be on hand to provide commentaries for the above.</i></p> <p>12:20 Depart Ellenbrook Station (<i>please board coach promptly</i>)</p>	
	<p>13:00 Arrive Optus Stadium 13:10 City View Café Special dietary requirements catered separately.</p> <p>Site Visit Lunch sponsored by Blue Tongue</p> <p>14:15 Board Coach - Depart Optus Stadium (<i>please board coach promptly</i>)</p>	
		<p>14:30 Arrive Optus Stadium Station (Belmont Park Down) Equipment Room (<i>existing, in service</i>) - Commentary on Equipment Room Control Area - Inspect Station Equipment Room <i>PTA guides will be on hand to provide commentaries for the above.</i></p> <p>15:20 Depart Belmont Park Down Equipment Room (<i>please board coach promptly</i>)</p>
<p><i>Perth-based & inter-state delegates staying in Perth on Saturday night can be dropped off at Optus Stadium Rail Station to get train back to Perth CBD if they do not wish to stay on coach to Perth Airport.</i></p>		
	<p>15:45 Arrive at Perth Airport (Terminals 3&4) NB: Do not book flights with a departure earlier than 16:30 hrs (from T3&4)</p> <p>16:00 Depart Perth Airport (Terminals 3&4)</p> <p>16:15 Arrive at Perth Airport (Terminal 1) NB: Do not book flights with a departure earlier than 17:00 hrs (from T1).</p> <p>16:30 Depart Perth Airport (Terminal 1)</p> <p>17:00 Arrive at Perth CBD</p>	