



## Program

Technical Meeting 2023  
Sydney, New South Wales

Day 1: Friday, 14 July 2023  
Technical Presentations  
NSW Teachers Federation Conference Centre,  
37 Reservoir Street, Surry Hills, NSW 2010

08.00 Conference Registration

09.00



Conference Opening &  
Acknowledgement of Country

John Aitken FIRSE  
Chairperson  
IRSE Australasia

9.10



PRESIDENTIAL Address

Steve Boshier FIRSE  
IRSE President

9.25

KEYNOTE Address

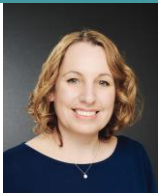
Romi Vespa  
Head of Signalling and  
Communications  
Sydney Trains

9:55

Morning Tea

Sponsored by: JMDR

10.35



PRESIDENTIAL PAPER  
Failing Safe: Mindset Matters

Jeanette Aitken  
Chief Executive  
Competency Australia

11.05



Doctor William Robinson's lasting gift to railway  
safety and efficiency

Paul Szacsavay

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11.35		Signalling Equipment Type Approval for Safety and Efficiency	Trevor Moore HonFIRSE Senior Signal Manager JMDR
12.05	Lunch		Sponsored by: Hitachi Rail
13.35	 	The V/Line Core data network upgrade and the digital railway transformation	Alex McGrath MIRSE Engineering Manager, OCMS V/Line  Karl Tivan OCS Program Manager V/Line
14.05		The IRSE Graduate Diploma: where to from here?	Richard Stephens Senior Signalling Engineer Wabtec Control Systems
14.35		An integrated model based approach for introducing new signalling systems	Luke King Senior Systems Engineer Acmena
15.05	Afternoon Tea		Sponsored by:
15.45		Using Karnaugh map in complex NSW overlap design	David Xu Team Leader, Solution Engineering Siemens Mobility
16.15		Definition – Concept – Detailed Design: the good, the bad and the ugly?	Steven Boldeman Systems Assurance Manager JMDR

# IRSE

Institution of Railway Signal Engineers  
AUSTRALASIAN SECTION

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16:45



Closing Remarks

John Aitken FIRSE  
Chairperson  
IRSE Australasia

16.50

Close of Day 1 Technical Sessions

Day 1

Committee Meeting & Gala Dinner

17:00

IRSE Australasia  
Management Committee Meeting  
Albion Room  
Rydges Sydney Central

18.30

Pre-Dinner Drinks  
Rydges Sydney Central

Sponsored by:

19:00

23.00

IRSE Technical Meeting Gala Dinner

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## Program

Technical Meeting 2023  
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Day 2: Saturday, 15 July 2023  
Technical Site Visits

Day 2		Technical Site Visits
09:30	10:15	Meet Rydges Hotel travel to Sydney Trains Training Facility, Petersham by train
10:15	10:30	Introduction to Petersham Facility
10:30	12:00	Tour of Simulators and external signalling equipment
12:00	13:30	Lunch White Cockatoo Hotel
13:30	15:00	Tour of Interlockings and presentations
15:00	15:45	travel back to Central

*Timings subject to review*








*Due to capacity constraints, initial places are restricted to IRSE Members purchasing full registration. It is anticipated that further technical visit options will be made available along with expanded registration.*

### Safety Note:

All delegates must be dressed in long sleeved shirt, long trousers and must supply their own PPE, including safety boots, high visibility vest (with cross on back) and hard hat.



Thursday 13 July 2023  
IRSE PEC Training Seminar  
Management of Testing and Commissioning for Signalling and Control Systems  
Cliftons Sydney | 13/60 Margaret Street, Sydney NSW 2000

Seminar Delegates	09:00	Registration Arrival Tea and Coffee
	09:25	Introduction
	09:30	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 – Paul Szacsvey
	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 – Paul Szacsvey
	16:15	Activity, discussions and questions
Seminar Delegates	16:30	Wrap Up and issue of certificates



## YM Program

Technical Meeting 2023  
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Day 1: Thursday, 13 July 2023 | 18.30 to 20:30 hrs  
Younger Members Networking Session  
Sydney Brewery at the Rydges Hotel (28 Albion St, Surry Hills)

Come along and collaborate with your YM colleagues: meet others and network over some finger food and drinks.

Day 2: Saturday, 15 July 2023  
Younger Members Training Day  
Rydges Hotel, 28 Albion St, Surry Hills NSW 2010

One of the challenges facing office-based engineers is that the design is just “lines on a page”. This **Younger Members training session** allows the attendee to stand in the shoes of the installer and the tester and see the world through their eyes. There will be some theory, but there will be an emphasis on getting hands-on – actually installing it and actually testing it.

The benefit to the attendee is being able to produce better designs requiring less rework, owing to a greater understanding of what those who use the design (the installer, the tester and the maintainer) need.

Attendees will be:

- Learning how to crimp
- Wiring and crimping a simple circuit in accordance with a simple relay design
- Learning how to complete basic circuit testing (wire/null/bell/megger)
- Conducting circuit tests on another participants installation.

Day 2 Time	Description
08:30	Registration and Coffee
09:00	Session 1
10:30	Morning Tea
11:00	Session 2
12:30	Lunch (provided)
13:30	Session 3
15:00	Finish

Event supported by



**Competency  
Australia**

*Timings subject to review*

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## Accommodation

Delegates are free to select a suitable hotel to meet their budget and preferences. The IRSE Gala Dinner will be held on Friday 14 July 2023 in the Rydges Sydney Central Hotel.

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## Registration

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Full Registration (Fri + Sat Site)	Registration Link	Cost per Delegate (inc GST)
Member	<a href="#">register here</a>	\$395
Member (Retired)		\$170
Non-Member	<a href="#">register here</a>	\$495

Full Registration includes conference, lunch and dinner on Friday, Saturday technical visit and lunch.

Technical Meeting Registration		Registration Link	Cost per Delegate (inc GST)
Member	Friday Technical Meeting only	<a href="#">register here</a>	\$180
Member (Retired)	Friday Technical Meeting only		FREE
Non-Member	Friday Technical Meeting only	<a href="#">register here</a>	\$280
Principal Author	Friday Technical Meeting only	-	FREE
All	Friday Gala Dinner	<i>follow above links for Member /</i>	\$150
All	Saturday Site Visit	<i>Non-Member</i>	\$110

Additional Activities Registration		Registration Link	Cost per Delegate (inc GST)
Member	PEC Training Seminar, 13 July	<a href="#">register here</a>	\$350
Non-Member	PEC Training Seminar, 13 July	<a href="#">register here</a>	\$450
All	Younger Members Networking Event	<i>follow above links for Member /</i>	\$70
All	Younger Members Training Day, 15 July	<i>Non-Member</i>	\$150

### Sponsorship Opportunities

Sponsorship opportunities are still available.  
For further details please contact us, or follow the link to purchase

### Contact

[nsw@irse.au](mailto:nsw@irse.au)

### Purchase Link

[purchase here](#)