

INSTITUTION OF RAILWAY SIGNAL ENGINEERS AUSTRALASIAN SECTION
NATIONAL TECHNICAL MEETING
Ballarat, Victoria 18 - 20 July 2019

CONFERENCE PROGRAM

Brownfields Rail Investment




Mercure Ballarat Hotel & Convention Centre

613 Main Rd, Golden Point VIC 3350

BALLARAT, VICTORIA





Welcome Evening: Thursday 18 July 2019

Organised by Younger Members

	18:30	Welcome – Meet and greet up with fellow delegates
	19:00 – 20:00	Buffet at The Conservatory, Mercure Ballarat
	20:00 – 21:00	<p>Younger Members: Let's talk about capability, competence, knowledge, experience and the following over a social evening with other delegates: Post your questions/discussion topics in advance via this link :-</p> <p>https://pollev.com/IRSEYMS076</p> <ul style="list-style-type: none"> • Mentoring and training • Young Engineers - let's leap forward • Opportunities for improvement • IRSE: the support system
	21:00	Networking Event


Day One: Friday 19 July 2019

Technical Meeting – Mercure Ballarat "Brownfields Rail Investment"

	08:00	Conference Registration and Tea/Coffee
	09:00	<p>Conference Opening</p> <p>Sundar Chairperson IRSE Australasian Section</p>
	9:15	<p>Keynote Speaker Transforming Railways – Delivering on Our Promises</p> <p>David Ness Package Director: Rail Systems Rail Projects Victoria</p>
	09:45	<p>Wholistic Assessment of Long-term Asset Condition in the Brownfield Public Transport Environment</p> <p>Dr Katie Kandelaars Lead Asset Condition and Performance Public Transport Victoria</p> <p>Co-authors: Nicola Belcher Director Asset Management Public Transport Victoria</p> <p>Julian Watts Director Engineering and Asset Management KPMG</p>
	10:15	<p>Project Overview: Ballarat Line Upgrade</p> <p>Logan Pham Senior Project Engineer (Signalling) Lendlease</p>
	10:45	Morning Tea

	11:10	<p>Project Overview: HCMT: High Capacity Metro Trains</p> <p>Jean-Marc Chevaugnon HCMT JV Project Director Downer</p>
	11:40	<p>Human Factors: We're All Programmed</p> <p>Richard Roberts Systems Architect (HCMT) Metro Trains Melbourne</p>
	12:10	<p>Information Session: Graduate Diploma in Railway Signalling</p> <p>Les Brearley Accreditation Manager IRSE Australasian Section</p>
	12:30	Lunch
	13:30	<p>How Can Signalling Projects Succeed?</p> <p>Ross Haden Senior Project Manager Level Crossing Removal Project (LXRP) Victoria</p>
	14:00	<p>HMI: The Safety Risk Hiding in Plain Sight</p> <p>Ronan McInerney HMI Specialist Metro Trains Melbourne</p>
	14:30	Afternoon Tea
	15:00	<p>3D Signal Sighting Design Workflow</p> <p>Ivan Andreevski & Carlos Cortes Urban Circus</p>
	15:30	<p>Introduction of Automatic Selective Door Operation System on the Sydney Trains Network</p> <p>Ronak Triverdi Senior Project Engineer Hitachi Rail STS</p>
	16:00	Close of Technical Sessions


Day One: Friday 19 July 2019
Partners Program

	09:15	Meet at Mercure Ballarat
	09:30- 16:00	Minibus Tour of local Ballarat attractions
	16:00	Return to Mercure

Day One: Friday 19 July 2019
Friday Conference Dinner
Members and Partners

	19:00	Pre-Dinner Drinks: Mercure Ballarat
	19:30- 22:30	IRSE Conference Gala Dinner: Mercure Ballarat

Day One: Friday 19 July 2019
Kids Movie Night

	19:00-	Movie: Surf's Up (G) OR LEGO Movie 2 (G)
	21:30	Dinner menu: chicken nuggets, fish and chips, icecream (gluten free and non dairy options available on request)
		Movie snack: Popcorn

Day Two: Saturday 20 July 2019

Technical Site Visits: Bacchus Marsh and Alstom Workshops

	08:00	Meet at Mercure Ballarat Board bus and depart NOTE: All delegates must bring full PPE
	09:30 to 10:30	Bacchus Marsh: Ballarat Line Upgrade site visit & project information session
	11:30	Ballarat: Alstom rollingstock workshop site visit
	12:30	Lunch
	14:00	Courtesy bus arrives at Mercure Ballarat
	14:30	Bus departs Ballarat
	16:00	Bus arrives Tullamarine Airport Do not book flights with a departure time before 17:00hrs
	17:00	Bus arrives Southern Cross Station

**Transport options for getting to Ballarat from Melbourne airport or city
(if you are not driving your vehicle)**

Melbourne Tullamarine airport to Ballarat - using Ballarat airport shuttlebus service

- It provides airline passengers with flexible and affordable transport, connecting Ballarat directly with their inbound or outbound interstate or international airline flights.
- Book online at <https://airportshuttlebus.com.au/> and meet your shuttle at the location shown directly outside the airport [Melbourne Tullamarine Airport \(google map\)](#)

V/Line train services - Melbourne Southern Cross Station to Ballarat

- Train line: Ballarat
- Closest station/stop: Ballarat station
- Ballarat is just over an hour by train from Melbourne's Southern Cross Station. V/Line also offers bus services linking Ballarat with other towns around Victoria. Your V/Line ticket is valid for travel on the Ballarat town buses at no extra cost.
- Check the V/Line website for train timetables - <https://www.vline.com.au/Timetables/Train-coach-timetables>

Taxi

- Available 24/7 around Ballarat. Call 131 008 to make a booking.

Registration Information

Institution of Railway Signal Engineers
Australasian Section

National Technical Meeting: 18 – 20 July 2019

Registration Details	Reference Number	Cost Per Delegate
Full Registration		
<i>Includes welcome evening, conference, lunch & dinner on Friday, technical visits and lunch on Saturday.</i>		
IRSE Member	MREG-ALL-OPT-31	\$275.00
Non-IRSE Member	MREG-ALL-OPT-32	\$375.00
Retired IRSE Member (non working)	MREG-ALL-OPT-33	\$125.00
Partial Registration		
Thursday welcome evening – IRSE Younger Member (under 35)	Register Via Eventbrite	Free
Thursday welcome evening – Others	Register Via Eventbrite	Self-funded
Friday Technical Conference – IRSE Member	MREG-FRI-MEET-01	\$160.00
Friday Technical Conference – Non-IRSE Member	MREG-FRI-MEET-02	\$260.00
Friday Technical Conference – Retired IRSE Member (non working)	MREG-FRI-MEET-03	Free
Friday Conference Dinner	MREG-FRI-DNNR-08	\$110.00
Friday Conference Dinner – Kids Movie Night (age 5-14 appropriate)	EOI to ballarat@irse.org.au	\$35.00 per child
Friday Day Program – Partners	MREG-FRI-PRT-XDNR-08	Transport free
Saturday Technical Visit (including lunch)	MREG-SAT-SITE-09	\$80.00
Saturday Transit to Tullamarine Airport or Southern Cross Station	Register Via Eventbrite	Free
Technical Authors		
Technical Paper Principal Author - Friday Technical Meeting	MREG-FRI-MEET-04	Free
Technical Paper Principal Author - Conference Dinner	MREG-FRI-DNNR-04	Free

Registration Details (continued)

All registrations are via the IRSE website – <http://irse.org.au>

Note:

- Web registration allows for payments by credit card
- Mention any dietary restrictions when registering on the web
- Organisations registering more than 5 delegates and wishing to pay on invoice should email ballarat@irse.org.au
- For any general enquiries please contact David Woodcock on 0468 768 828 or ballarat@irse.org.au

PPE requirements: for the Saturday technical inspection, please bring your own PPE.

- Long sleeved shirt/long trousers
- Hi-vis vest
- Hardhat
- Safety boots
- Eye protection

Registrations close on 1 July 2019

Cancellation and Transfer

Should you be unable to attend, a substitute is welcome at no extra charge.

The IRSE Victoria Section regrets that no refunds will be made for cancellations received less than 7 days prior to the conference. However, a complete soft copy of conference technical papers will be sent to you.


For all **Cancellations and Transfers**, please contact ballarat@irse.org.au to arrange the request.

Sponsorship Opportunities - Ballarat Technical Meeting: 18 – 20 July 2019

Trade Display/Advertising/Event Sponsorship	Reference Number	Quantity	Item Cost	Total Cost
One A4 advertisement (can be double sided = 2 ads) #	MSP-FR-A4-1		\$275.00	
Two A4 advertisement (can be double sided = 4 ads) or Folded A3 #	MSP-FR-A4-2		\$375.00	
Trade display only	MSP-FR-TD1		\$400.00	
Trade display and One A4 advertisement (can be double sided = 2 ads) #	MSP-FR-TD1-A4-1		\$550.00	
Trade display and Two A4 advertisement (can be double sided = 4 ads) #	MSP-FR-TD1-A4-2		\$650.00	
Friday Technical Meeting Morning tea break (including banner & mention)	MSP-FR-02-MTEA		\$400.00	
Friday Technical Meeting Lunch (including banner & mention)	MSP-FR-03-LNCH		\$600.00	
Friday Technical Meeting Afternoon tea break (including banner & mention)	MSP-FR-04-ATEA		\$400.00	
Friday Technical Meeting Dinner Drinks (including name on menu)	MSP-FR-05-DRNKS		\$600.00	
Friday Technical Meeting Dinner (including name on menu, banner(s) & short address opportunity). Sponsor to be decided by sealed auction drawn on 03/07/2019	Sponsor to be decided by sealed auction drawn on 03/07/2019			
Saturday Site Visit Morning tea break	MSP-SA-02-MTEA		\$400.00	
Saturday Site Visit Lunch	MSP-SA-03-LNCH		\$500.00	
Technical Meeting Carry Bags – Fabric style – supplied by Sponsor	MSP-TM-BAGS		\$ 250.00	
Younger members meeting on Thursday evening	MSP-TH-06-DNNR		\$ 1000.00	
Please Pay This Amount				

* Please advise if a table and mains power is required for your trade display.

Company Details	Method of Payment
Company Name Company Address Contact Person Telephone Facsimile Email * * Mandatory field	<input type="checkbox"/> Cheque – Enclosed is our cheque for \$ _____ in favour of IRSE Australasian Section Inc. <input type="checkbox"/> Please debit my <input type="checkbox"/> Visa <input type="checkbox"/> MasterCard <input type="checkbox"/> AMEX [][][][] [][][][] [][][][] [][][][] Expiry Date: [][] / [][] Cardholders Name: _____ Signature: _____

2 easy ways to register	
 Brian Luber 0418334289 Pesala Kahawita 0433559875	<ul style="list-style-type: none"> Please email completed forms to brian.luber@irse.org.au pesala.kahawita@gmail.com

NB. Event sponsorships will be allocated on a strictly first come first served basis.
Should you wish to avail yourself of these sponsorship opportunities please complete this form and return by email as soon as possible.
For those placing advertisements in the handouts, please supply 150 printed copies of the advertising material by 10th July 2019.
Sponsorship payments are non-refundable.

Accommodation – Hotels & Motels in the Ballarat (Golden Point/Sovereign Hill area)

All accommodation bookings are to be made directly with the hotels.

	<p>Mercure Ballarat Hotel & Convention Centre 613 Main Rd, Golden Point VIC 3350</p> <ul style="list-style-type: none"> • Single accommodation (room only) \$141 per room per night • Single accommodation & breakfast \$161 per room per night • Twin/double accommodation & breakfast \$181 per room per night • Two-bedroom apartment (room only) \$210 per apartment per night • Two-bedroom apartment & breakfast \$250 per apartment per night <p>Phone: +61 3 5327 1200 Contact: http://www.mercureballarat.com.au/hotel/</p>
	<p>Ballarat Suites Accommodation - Best Western Plus 525 Main Road, Golden Point VIC 3350 (approx. 210 m from conference venue) (Standard room rates \$156.00 – \$237 per night)</p> <p>Phone: +61 3 5329 0200 Email: ballaratsuites@bestwestern.com.au</p>
	<p>Sovereign Park Motor Inn 223 Main Road, Ballarat Central (approx. 1.2 km from conference venue) (Standard room rates \$175 - \$244 per night)</p> <p>Phone: +61 3 5331 3955 Email: reservations@sovpark.com</p>
	<p>Sovereign Hill Hotel 39 Magpie Street, Golden Point (approx. 1.3 km from conference venue)</p> <p>Phone: +61 3 5337 1199 Contact: http://www.sovereignhill.com.au/sovereign-hill-hotel/</p>