

PWI QLD Chapter Newsletter



President's Address

Robin Stevens
President
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This is the first Newsletter of 2022, and it has been some time since we last corresponded with members. Unfortunately, over the last two years, the COVID pandemic has significantly affected the majority of our technical and social events, but we are on the return!

The PWI executive committee has recently met and is working diligently towards providing both a number of technical and social events before the end of 2022. Therefore, please check your emails for these coming events, and I encourage existing members to discuss the re-emergence of the PWI, with your fellow colleges, and invite them to one of our technical or social events.

The first Technical Evening of this year will be held on the 19 July, and we are pleased to announce, Alex Pugh - Project Director - CRR Tunnel Station Development will be delivering the progress of CRR tunnels.

I would like to thank those sponsors listed below for their continued support throughout the COVID period and these changing times, as without their generosity, the events that you will attend throughout the remainder of the year would not be possible.

Our sponsors:

Gold Membership

- ARTC, Delkor, Pandrol and SMEC

Silver Membership

- Arup, Austrak, Geofabrics, John Holland, Pandrol-Railtech, Rail Planning Services Schwihag, Thermit, WSP and VAE Voestalpine

Bronze Membership

- Arcadis, Morsons Group, Permanent Way Solutions, PW Rail Services and Speno Rail Maintenance

The PWI are always looking for suitable presentations for our technical evenings, please contact myself or a committee member, if you have a topic or project you would like to deliver to the members.

I look forward to seeing you at the next PWI event, bring a friend along and enjoy the night.

Robin Stevens

PWI President

Commented [DP1]: To be updated



Technical Events

Track renewal with Embedded Rail System (ERS) in semi-precast panels in New Zealand's North Island (February 2023)

Mr Miguel Peña (Edilon Sedra)

The requirements of KiwiRail for the renewal of track in Tunnel 7 of the North Island Main Trunk (NIMT) made Edilon Sedra offer a very specific solution: Embedded Rail System in semi-precast panels. This solution offers all the advantages of the ERS and concrete precasting while keeping material and equipment logistics to a minimum.

Aurizon's Automated Track Inspection System (ATIS) (November 2022)

Mr Peter Hermann (Aurizon)

Aurizon is currently implementing an Automated Track Inspection System (ATIS). ATIS is a collection of systems – locomotive-mounted hardware, software and business processes – which acquires, analyses and uses track geometry and OHLE condition monitoring data to inform asset management and maintenance planning activities. The program has been in development since 2020 and is now in its implementation phase which is planned to complete in mid-2023. The presentation will provide an overview of the ATIS system, implementation progress and expected outcomes and benefits.

Cross River Rail – Tunnel Station Development (July 2022)

Liz Schofield

Alex presented an overview of the challenges, achievements, and delivery of Queensland's largest infrastructure project, Brisbane's Cross River Rail, Tunnel & Station Development with some light hearted history on tunnelling in the UK.



Preparing SEQ's rail network for the future: Logan and Gold Coast Faster Rail project update (October 2022)

Liz Schofield (TMR)

Logan and Gold Coast Faster Rail (LGC) Project Director, Liz Schofield, provided an update on this priority rail project connecting our growing communities with more frequent and reliable train services between Brisbane, Logan, and the Gold Coast. The project includes increasing the number of tracks from 2 to 4 between Kuraby and Beenleigh, modernised rail systems, station upgrades, and level crossing removals. LGC is part of the Queensland Government's record investment in rail as outlined in SEQ Rail Connect.





Social

Oxley Golf Course was once again the venue for the annual PWI Golf Day.
 Another great day was had by all (except the owner of the car parked on the road at the end of the second hole). Special thanks once again goes to Robin and Ian for running the drinks and chocolate cart.
 There may have been some controversy regarding the scoring but the overall winner of both the scratch and handicap trophy went to ARTC Team.

The PWI and members would like to extend special thanks our sponsors as well as the hole sponsors which helped make this event possible.



Upcoming Events

Please find below, confirmed and upcoming events for your diary. Please remember PWI events require members and guest participation to keep these events continuing:

Date	Type	Event
21 March	Annual General Meeting	PWI Qld Chapter AGM
28 March	Conference (Informa)	Rail Turnouts (Perth)
29-30 March	Conference (Informa)	Heavy Haul (Perth)
XX May	PWI Technical Event	Milling and Grinding Comparison – Carlos Valente
19-21 June	Conference (RTSA)	RTSA CORE 2023 (Melbourne)
18-19 July	Conference (Informa)	Urban Rail 2023 (Melbourne)
XX July	PWI Technical Event	Wheel/Rail Interface of Melbourne Metro – Chris Downs
October	Social	Golf Day
13-16 November	Conference (ARA)	ARA Ausrail Plus 2023 (Sydney)



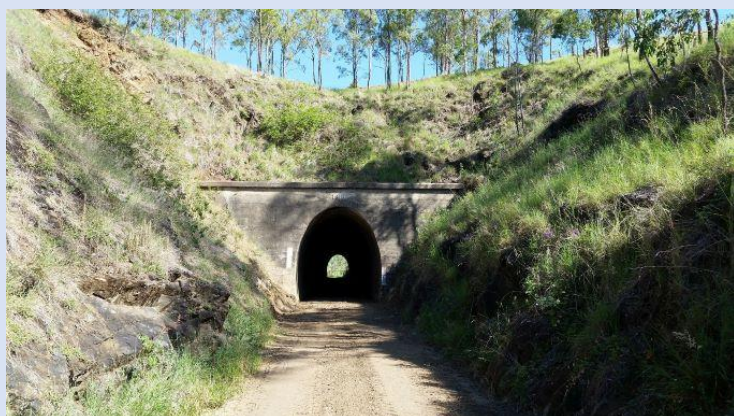
Did You Know

The PWI UK division now provides their quarterly technical journal online and free of charge. Please click on the link below for the current journal or the knowledge hub for previous versions of the journals. Great for light bedtime reading and will earn you valuable CPD hours:

<https://www.thepwi.org/the-journal/>

<https://www.thepwi.org/knowledge-hub/>

Name That Place



If you think you know the answer, please email daniel.price@harpeng.com.au

Commented [DP2]: Any locations for this? Did you visit Bogantungan recently?

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Sponsors

On behalf of the PWI Committee, we wish to thank our sponsors for continual support of our organisational activities. It is with them; we can ensure longevity of a professional organisation with members as engaging and diverse as that of PWI QLD.

Gold Members



Silver Members



Bronze Membership



PW Rail Services

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Chris Downs - Arup

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Editor's Corner

If you have any interesting news that may be of interest to the PWI Qld Chapter, have a photo for name that place or think you know the answer to the above, please forward to myself for inclusion in the next Newsletter.

Thanks

Daniel Price

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