



ENGINEERS
AUSTRALIA

WestConnex M4- M5 Link Tunnels Project Update

Australian Tunnelling Society,
Queensland Chapter

Join ATS QLD Chapter for an informed update on the WestConnex M4-M5 Link Tunnels Project, including current progress, challenges associated with design and construction, and adopted innovations.

5.30 - 7.00pm | Thursday 9 April 2020

Engineers Australia Queensland
Level 9, 340 Adelaide Street, Brisbane, QLD 4000

The M4-M5 Link Tunnels project is the final and most critical component of WestConnex, featuring twin tunnels between the New M4 at Haberfield and the New M5 at St Peters. Each tunnel will be approximately 7.5 kilometres long and will be able to accommodate up to four lanes of traffic in each direction.

This results in the excavation of tunnels of unprecedented size in Australia, with main line tunnel spans up to 23m in width and Y-junction caverns up to 34m.

A demanding construction programme adds to this scale complexity and to meet these challenges, the project will have up to 27 roadheaders operating from three different construction sites at its peak construction.

Our speakers will present the current progress of the project and some of the challenges associated with both the design and construction of these tunnels as well as some of the innovations adopted with respect to spaceproofing, ground support and planning.

TICKETS (INCL. GST)

EA Member	\$0
Society Member	\$0
Student Member	\$0
Non-member	\$30



Please contact us on
1300 653 113 or
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Introducing your interviewees for the evening.



Mario Buterin

Construction Tunnelling Director, LSB JV

Mario is a Tunnelling Director for Bouygues Construction Australia. He has over 20 years of experience in the construction industry and has been involved in a large number of tunnel projects in Australia such as the New M5, part of WestConnex, Airport Link in Brisbane, Lane Cove Tunnel, the original M5 East Tunnels and others.



Mark Sheffield

Discipline Lead (Tunnels), JAJV

Mark is a Technical Director for the Transport Services and Tunnel Engineering at Aurecon. He has over 25 years in the civil engineering and tunnelling industry and has been involved with major underground projects around the world from feasibility and concept design through to implementation and construction systems in a variety of ground conditions and challenging urban environments.



David Oliveira

Technical Lead (Tunnels), JAJV

David is a Technical Director for Asia Pacific and Global Subject Matter Expert in Hard Rock Tunnelling at Jacobs Engineering Group. He has over 20 years in the civil, geotechnical and tunnelling industry and has been involved on a broad range of projects varying from complex open pit and deep and highly stressed underground mines to major infra-structure projects in a variety of ground conditions and challenging urban environments.



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EVENT PROGRAM

5.30 - 6pm | Arrival and registration
6-7pm | Presentations

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