

**AUSTRALIAN
GEOMECHANICS
SOCIETY**



A technical society of



**ENGINEERS
AUSTRALIA**

AGS SA-NT SEMINAR 2019 TUNNELLING UNDER ADELAIDE

australiangeomechanics.org

NATIONAL WINE CENTRE
CORNER OF BOTANIC AND
HACKNEY ROADS, ADELAIDE

MONDAY 28TH
OCTOBER 2019

SPONSOR OPPORTUNITIES

When:

Date: Monday 28th October 2019
8.30am – 5.00pm

Event Contact:

Abbas Taheri
abbas.taheri@adelaide.edu.au

The SA-NT Chapter of the Australian Geomechanics Society (AGS) and the Australian Tunnelling Society (ATS) are pleased to announce the 2019 Seminar titled "Tunnelling under Adelaide", which is to be held on Monday 28th October 2019.

The Seminar forms part of the continuing program of technical events organised by the SA-NT Chapter of the AGS and aims to provide the engineering profession with a comprehensive introduction to the geotechnical aspects of tunnelling in soil in urban areas, including best practice techniques and recent developments.

The South Australian Government is currently considering the viability of tunnelling options for the two remaining sections of the strategic North-South Corridor between River Torrens to Anzac Highway and Anzac Highway to Darlington and plans to submit a business case that includes tunnel options to Infrastructure Australia for review. Design and construction of the remaining sections will be the biggest single infrastructure project in South Australia's history.

The seminar will bring together professional engineers, researchers, specialist contractors, regulators, educators and students to share and discuss their experiences on the topic of the geotechnical aspects of the design and construction of TBM tunnels and their associated challenges and opportunities.

This seminar will present overviews of current design practice, state-of-the-art practices, novel technologies and innovative solutions, and case studies demonstrating applications of advanced techniques and cost-effective solutions in the design and construction of TBM tunnels in clay, with a focus on the geotechnical challenges associated with the completion of the North-South Corridor between the River Torrens and Darlington.

The seminar will cover the following topics:

Planning and Investigation

- Contract models
- Risk management and Health & Safety
- Ground investigation strategy and techniques
- Tunnel alignment design
- Ground hazards
- 3-D geotechnical models and digital engineering
- Geotechnical Baseline Reports

Geotechnical Design

- Segmental and shotcrete lining design
- Tunnel induced ground movements and their impacts on existing infrastructure
- Instrumentation and monitoring
- Ground treatment

Excavation and Construction Methods

- TBM selection and performance
- Cross passage design and construction
- Shaft sinking
- Crossover structures
- TBM launch and reception pits
- Groundwater control
- The role of tunnel engineers during construction and the use of the observational method

Sponsorship and Exhibition

Without sponsorship the committee of the AGS would be unable to provide you with these events at such competitive prices. We are therefore indebted to our sponsors and urge potential sponsors to consider supporting the event. There are three levels of sponsorship: Platinum; Gold; and Silver.

Interested?

Interested parties are to complete the Order Form on the following page and return to **Peter Robinson** via: secretary@australiangeomechanics.org at the Australian Geomechanics Society Secretariat.

Notification and payment are required by Friday 27 September 2019. If you have any queries relating to sponsorship, please contact abbas.taheri@adelaide.edu.au

Platinum Sponsor \$2,000 (excluding GST)

- Two free delegates
- Opportunity to give a brief talk about their organisation
- One full page of advertising space in the proceedings
- Promotion of company logo on the day and with prior advertising of this event.

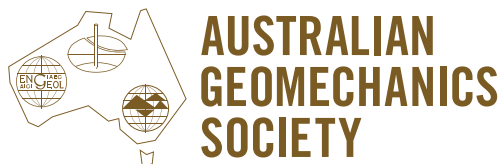
Gold Sponsor \$1,000 (excluding GST)

- One free delegate
- One full page of advertising space in the proceedings
- Promotion of company logo on the day and with prior advertising of this event.

Silver Sponsor \$500 (excluding GST)

- Half page of advertising space in the proceedings
- Promotion of company logo on the day and with prior advertising of this event.





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ABN: 89 615 696 393

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OCTOBER 2019

ORDER FORM & TAX INVOICE FOR PLATINUM, GOLD & SILVER SPONSORSHIP

Please complete the below payment form and a *seperate registration* form for each delegate and return to Peter Robinson at secretary@australiangeomechanics.org

FORM SUBMISSION

Please complete the registration form and return to Peter Robinson via:
secretary@australiangeomechanics.org



CONTACT INFORMATION

Title: _____ First Name: _____ Surname: _____
Organisation _____
Address: _____ Suburb: _____
State: _____ Post Code: _____ Ph/Mob 1: _____
Email: _____ Ph/Mob 2: _____

SPONSORSHIP

Platinum	We would like to participate as a Platinum sponsor at a cost of	\$2,000.00 (excluding GST)
Gold	We would like to participate as a Gold sponsor at a cost of	\$1,000.00 (excluding GST)
Silver	We would like to participate as a Silver sponsor at a cost of	\$500.00 (excluding GST)

PAYMENT

Total Payable:

Electronic funds transfer (EFT):
CBA Bank, BSB No.: 062 910 Account No.: 1001 3510
Please email the remittance advice with a completed registration form to: secretary@australiangeomechanics.org
Please ensure your full name is included in the email.

I enclose my Cheque/Money Order payable to:
Australian Geomechanics Society
PO Box 955, St Ives NSW 2075

Please charge my credit card: (Diners and AMEX are not accepted)

VISA MASTERCARD

Name on card:

Card Number:

Expiry: /

Signature:

CCV:

Date: