



**Two-day Workshop**  
**Shotcrete 2024**  
 August 14-15, 2024  
 Novotel Hotel, Preston VIC

Shotcrete has become established as an essential component of most underground space developments. Recent years have seen a large increase in the amount of shotcrete used for civil infrastructure in Australia. The volume of work and demands for sustainability and price control have presented new challenges for suppliers, contractors, and specifiers involved with this material. The evolution of shotcrete technology over recent years, plus the large number of new people in the industry, has heightened the need for an update on new products, processes, and methods related to shotcrete application available within the industry.

In response to these demands, the Australian Shotcrete Society has organised a two-day workshop to be held on August 14-15, 2024, at the Novotel Hotel, Preston, in Melbourne. The workshop will cover a range of topics related to developments in shotcrete for ground support in Australia. The format will comprise a first day of lectures covering the essentials of shotcrete technology for all applications, followed by a second day focused on more advanced aspects of shotcrete relevant to civil tunnels and infra-structure. It will finish with a facilitated interactive discussion where all attendees can share their experiences, views and identify areas of need for further information. An optional field trip to the Victoria University fire testing lab is available on Friday morning after the workshop. There will also be a series of displays and exhibitions covering products of relevance to the shotcrete industry. A workshop dinner will take place on the evening of the first day. Sponsorship opportunities are available.

**Programme – Day 1**

Time	Item	Speaker
9.00	<b>Workshop Opening</b>	<b>Stefan Bernard</b>
9.10	Mix Design for Underground Shotcrete	<b>Des Vlietstra</b>
9.40	Admixtures and Activators	<b>Ryan Salter</b>
10.50	Spraying Techniques and Surface Finishes	<b>Brian Garry</b>
11.20	Training and Certification	<b>Jurij Karlovsek</b>
11.50	Discussion	<b>All</b>
12.20	<b>Lunch</b>	
1.30	Shotcreting Equipment	<b>Michael Johns</b>
2.00	Waterproofing Systems	<b>Ulrike Pelz</b>
3.10	Lining Analysis Methods	<b>Stefan Bernard</b>
3.40	Fire Testing of Shotcrete Linings	<b>Maurice Guerrieri</b>
4.30	<b>Close</b>	
6.00	<b>Networking and Workshop Dinner</b>	

## Programme – Day 2

Time	Item	Speaker
9.00	Housekeeping	
9.10	SCM Supply in Victoria	<b>Chani Tennakoon</b>
9.40	Shotcrete Use on the Snowy Hydro project	<b>David Gardiner</b>
10.40	Experience with Recent Shotcrete Projects in Melbourne	<b>Denis Tepavac</b>
11.10	Shotcrete Specifications	<b>Phil Clark</b>
11.40	Discussion	<b>All</b>
12.10	<b>Lunch</b>	
1.30	Contractor's Perspective on Shotcrete	<b>Peng Li</b>
2.00	General Discussion about QA Testing	<b>MC: Tony Cooper</b>
3.30	General Discussion about Spraying and Quality Issues	<b>MC: Tony Cooper</b>
4.00		
5.00	<b>Close</b>	

## Field Trip – Day 3

Time	Item	Host
9.00 – 1.00	Field Trip to Fire Testing laboratory, Victoria University, Werribee	<b>Maurice Guerrieri</b>

The cost for attendance at the workshop is **\$300** per delegate for one day, or **\$500** for two days. An additional fee of **\$60** is payable for the workshop dinner, and **\$30** for a field trip to the Victoria University fire testing lab. The Australian Shotcrete Society is not registered for GST, so GST is not applicable on workshop fees. The society is affiliated with Engineers Australia and attendance at the workshop will count toward Continuing Professional Development. Accommodation is available at the Novotel Hotel, Preston, and other nearby establishments. The cost of accommodation is not included in the cost for attendance.

Contact Stefan Bernard on 0418-407- 892 for technical queries and visit [Shotcrete 2024](#) for further details and registration.

