

Australian Tunnelling Society

SHORT COURSE 2022

26 & 27 May 2022
Hyatt Regency Sydney

ATS Short Course 2022 - FINAL SCHEDULE

	THURSDAY 26 MAY 2022	FRIDAY 27 MAY 2022
Morning Session 1 <i>Wharf Room, Hyatt Regency Sydney</i>	Welcome address and Welcome to country	<i>ATS Tunnel Design Guidelines</i> ATS Young Members Brodie Aitchison (ATSym)
	<i>History of tunnel construction and use of the underground space</i> Alex Gomes (SMEC)	<i>IMT Tunnelling</i> Jonathan Baber (Mott Macdonald)
	<i>Risk Management in tunnelling</i> Arnold Dix (ALARP)	<i>Ground movements, I&M and Building Impact Assessment</i> Diane Mather (ARTC)
BREAK	MORNING TEA	MORNING TEA
Morning Session 2 <i>Wharf Room, Hyatt Regency Sydney</i>	<i>Site Investigation, Geotechnical Interpretation, and Ground Model for Soil and Rock</i> Helen Baxter / Richard Kelly (SMEC)	<i>Tunnel Operations and Maintainability considerations</i> (TBC)
	<i>Conventional Mined Tunnel Excavation</i> Ulrike Pelz (GHD)	<i>Fire life safety / Ventilation Design</i> TBC
	<i>TBM Tunnelling</i> Charles Howarth (Herrenknecht)	<i>Delivering Work Health and Safety in Tunnelling</i> Kat Neves (TfNSW)
BREAK	LUNCH	LUNCH
Afternoon Session 1 <i>Wharf Room, Hyatt Regency Sydney</i>	<i>Ground Support Design</i> David Oliveria (Jacobs)	<i>Hydrogeology and Groundwater Control</i> Katarina David (TfNSW)
	<i>Segmental Lining Design</i> Ritesh Mahajan (WSP)	<i>Waterproofing</i> Victor Ng (Master Builders/Bluey)
	<i>Tunnel Spaceproofing</i> Mark Sheffield (Aurecon)	<i>Ground improvement</i> Christian Bodner (Aurecon)
BREAK	AFTERNOON TEA	AFTERNOON TEA
Afternoon Session 2 <i>Wharf Room, Hyatt Regency Sydney</i>	<i>Observational Approach</i> Thomas Roper (Acciona) and Phil Clark (TfNSW)	<i>Procurement of underground construction</i> Matt Frewer (Connell Griffin)
	<i>Microtunnelling</i> Ben Crosby (Bamsler)	<i>Use of BIM in Tunnelling</i> Alex Madonna (John Holland)
	<i>Project case study: Alpine Tunnelling</i> Remo Crapp (Lombardi)	EVENT CLOSE
Networking Reception	<i>ATS Short Course Networking Event</i> Café Del Mar, Darling Park (6pm)	