

SUNDAY 2 MARCH

10:00am	Trenchless Bootcamp - Presented by <i>Chris Geehman, Connell Wagner</i> - Forest Room, Novotel	Indoor exhibitor set-up begins	ASTT AGM - Forest 1 Room, Novotel Hotel
12:15pm	Buses depart Novotel for golf		
2.00pm	Tee off		
6.00pm	Buses return from golf		
7.30pm	Exhibition opening		

MONDAY 3 MARCH

8:30am	Welcome coffee sponsored by DCI		
9:00am	Official conference opening Morning Plenary Session		
9:30am	When shove comes to push: Developing Microtunnelling and Pipe jacking markets and technology - <i>James Thomson</i>		
10:30am	Morning tea and exhibition sponsored by PB		
	ASSET MANAGEMENT	TUNNELLING TECHNOLOGY	
11:00am	SWC Priority Sewerage Program - <i>Tino Ferrero, Sydney Water</i>	New techniques in microtunnelling - <i>Michael Lubberger, Herrenknecht</i>	
11:30am	Reline & rehabilitation of service pipelines - <i>Anthea McManemin, 'us' - Utility Services</i>	An introduction to both tunnel and shaft pre-cast concrete linings - <i>James Fuller, Halcrow</i>	
12:00 noon	Contract Strategies for the Delivery of Sewer Rehabilitation Projects - <i>Philip McFarlane, ProjectMax LTD and Kumar Wisumperuma, North Shore City Council</i>	Higher security-levels for pipe installations, faster installation progress, smaller radii of curvature and a wider range of application for Pipe-Jacking and Microtunnelling - <i>Alexander Seilert, VMT GMBH & Stefan Truempi-Althaus, Jackcontrol</i>	
12:30pm	Lunch and exhibition		
	ASSET MANAGEMENT	TECHNOLOGY	
1:30pm	6 years of pushing the trench less technology envelope on SWC's PSP Program - <i>Trevor Matthews, Sydney Water and Gerald Fender</i>	Magnetic steering systems - <i>John English, Horizontal Technology</i>	
2:00pm	Rehabilitation of the Western Branch Main Sewer - <i>John Monro, Interflow</i>	Fusing at higher interfacial pressures - <i>Trace Temcoff, ISCO</i>	
2:30pm	Behaviour of a polyethylene pipe buried in reactive soil - <i>Jayantha Kodikara, Monash University</i>	Unique autonomous pipeline mapping system - <i>Linda Ward, Geospatial Corporation</i>	
3:00pm	Afternoon tea and exhibition sponsored by PB		
	ASSET MANAGEMENT: INSPECTION	INTERNATIONAL PROJECTS	
3:30pm	Condition Assessment - Do We Really Know What We Don't Know - <i>Lance Horlyck, SAS</i>	Pipe Bursting Sanitary Sewer Pipe with u-PVC Pipe Specifically Designed for Trenchless Technology - <i>Frank O'Callaghan, Iplex Pipelines (NZ)</i>	
4:00pm	Developments in Pipeline Condition Assessment Using Remotely Operated Vehicles - <i>Barry Holloway, Water Corporation</i>	Design, Inspection And Rehabilitation Of The New Croton Aqueduct, New York City - <i>Andrew Noble, Parsons Brinckerhoff (PB)</i>	
4:30pm	The role of CCTV in Pipeline Rehabilitation programmes - <i>Steven Apeldoorn, ProjectMax LTD</i>	1120 m HDD for Tributary to the Smoky River in Alberta Canada - <i>James Murphy, Colt Worley Parsons</i>	
6:30pm	Harbour Cruise sponsored by Vermeer - Buses depart Novotel/Ibis for Harbour Cruise, guests need to be at boat ramp by 6:45pm, return at 11pm		

TUESDAY 4 MARCH

8:30am	Welcome coffee sponsored by DCI		
9:00am	Morning Plenary Session sponsored by Interflow A newer sewer: Sewer and culvert deterioration and its implications for design of liners - <i>Ian Moore, Queens's University, Canada</i>		
10:00am	Public engagement in infrastructure planning and delivery - <i>Anna Grutzner, Account Director, Fenton Communications</i>		
10:30am	Morning tea and exhibition sponsored by PB		
	PIPE RELINING	TUNNELLING CHALLENGES	
11:00am	Rosanna Relieving Sewer – Stage 1 - <i>Louie Grivas, Yarra Valley Water</i>	A Risk Management Approach for Micro-Tunnelling Projects - <i>Geoff Bateman, PB</i>	
11:30am	The Next Generation in CIPP Rehabilitation - <i>Andrew Fulford, Insituform</i>	Challenge of tunnelling through peat under the railway - <i>Dragan Jovanovic, GHD Pty Ltd</i>	
12:00 noon	In Situ Spray Lining – A Cost Effective Alternative for Watermain Rehabilitation - <i>Ian Tindell, 3M E Wood</i>	Alternative methods of tunnelling in rock at small diameters - <i>Paul Nicholas, The Robbins Company</i>	
12:30pm	Lunch and exhibition		
	REHABILITATION PROJECTS	THE FUTURE	
1:30pm	Inspection and Remediation of Large Diameter Sewer Pipeline at Hastings - <i>Dragan Jovanovic, GHD</i>	The Conceptual Stage - <i>James Thomson, Jason Consultants</i>	
2:00pm	Case Study of the Design and Installation of Structural Linings for Ovoid Sewers - <i>Alan Sutton, Kembla Watertech</i>	Ask, Listen, Learn – Getting the Right Technology on Board - <i>Grant Binns, Blackley Contractors Ltd</i>	
2:30pm	SA Water trenchless projects: now and the future - <i>Kane Scott, SA Water</i>	Incorporating Trenchless Technology Guidelines & Standards into State Road Authority requirements - <i>Robert Grove, Main Roads WA</i>	
3:00pm	Afternoon tea and exhibition sponsored by PB		
3.30pm	Live Demonstrations - Loading Bay See Trenchless Technology in action		
7:00pm	Gala dinner sponsored by Vinidex - Aquatic Centre, (Across the road from the Novotel and Ibis)		

WEDNESDAY 5 MARCH

8:30am	Welcome coffee sponsored by DCI		
9:00am	Morning Plenary Session sponsored by Interflow - The Evolution and Future of HDD - <i>Stephen Loneragan, AJ Lucas Group</i>		
10:30am	Morning tea and exhibition sponsored by PB		
	PIPE REHABILITATION	CONSTRUCTION INNOVATIONS	
11:00am	Rehabilitating Non-man Entry Ovoid Sewers: A Challenge - <i>Sudipta Basu, Sydney Water</i>	Innovative On-Grade Gravity Sewer Technique - <i>Stuart Harrison, Vermeer</i>	
11:30am	Contractor's Perspective on Sewer Rehabilitation Procurement Strategies - <i>Jason Marshall, Interflow</i>	Experiences of Upgrading a Sewer Which Runs Through an Unlined Rock Tunnel- <i>Jon Miles, Sinclair Knight Merz</i>	
12:00 noon	Water recycling in the sewer & drain cleaning/rehabilitation industry - <i>Kurt Jaks, Flexible Pipe Cleaning Tools</i>	A new software tool for utilities mapping - <i>Pieter van Jaarsveld, IDS (Italy)</i>	
12:30pm	Send-off Lunch		
2:00pm	Exhibition pack up		