

Monday 21 September

8:00AM	Welcome coffee	
8:30AM	Morning plenary session – Yarra Room 1, Melbourne Park Function Centre	
8.45AM	Old problems, new solutions - The contribution of Trenchless Technology to 21st Century pipeline construction and rehabilitation, Dr Dec Downey, Jason Consultants	
9.30AM	Lessons from Singapore, Tan Thai Pin, Water Reclamation (Network) Department, PUB, Singapore	
10.00AM	Dollars and Sense of No-Dig - The economics of Trenchless Technology and the economic drivers for infrastructure construction, John Roskam, IPA	
10:30AM	Morning tea served in the exhibition area	
	YARRA ROOM 2, MELBOURNE PARK FUNCTION CENTRE	YARRA ROOM 1, MELBOURNE PARK FUNCTION CENTRE
11:00AM	ASSET MANAGEMENT Renewing pipes in a CBD, Danielle Roche, CWW	11:00AM PIPE JACKING & MICROTUNNELLING: TECHNOLOGY Small diameter, articulating jack and bore systems for trenchless utility, Chris Sivesind, The Robbins Company
11:30AM	Limitations of AS2566.1 for rehab industry, Ian Bateman, Interflow Pty Ltd	11:30AM Microtunnel jacking and receiving shafts constructed using cutter soil mixing (CSM) technology, Norman Joyal, Jacobs Associates
12 NOON	Health risks of sewer blockages, Christine Grundy, Yarra Valley Water	12 NOON Structural upgrade of the Cotter Suction main tunnel, Andrew Noble, PB
12:30PM	Lunch served in the exhibition area	
1:30PM	ASSET MANAGEMENT: CONDITION ASSESSMENT Panoramo – delivery of a promise, Tristan Day, Austeck Pty Ltd	1:30PM PIPE JACKING & MICROTUNNELLING: CASE STUDIES Epping Craigieburn Sewerage Tunnel long range pipe jacking, Shannon Goff & Evelyn Yung, Jacobs Associates
2:00PM	Software for the inspection and condition assessment of water mains, Barry Holloway, Water Corporation	2:00PM Soft ground tunnelling in Melbourne: investigation and design of the Melbourne Main Reliever, Malcolm Dixon, GHD
2:30PM	The investigation and rehabilitation of private wastewater sewers, Philip McFarlane, ProjectMax Ltd	2:30PM Sugarloaf Pipeline, KP41 Tunnel – design and construction, Marcus Weeks, GHD Pty Ltd
3:00PM	Afternoon tea served in the exhibition area	
3:30PM	ASSET MANAGEMENT: INFLOW Protective coating of access chambers what products and when to do it, Ian Bateman, Interflow Pty Ltd	3:30PM PIPE JACKING & MICROTUNNELLING: DEVELOPMENTS AND INNOVATIONS How feasible are critical gravity sewer installations using Trenchless Technology?, Andre Hoondert, Vermeer Corporation & Dr Samuel Ariaratnam, School of Engineering, Arizona State University
4:00PM	Seawater ingress into sewers, David Dubois, Kembla Watertech Pty Ltd	4:00PM The Motions Catchment stormwater upgrade, Chris Small & Paul Cooper, GHD Pty Ltd
4:30PM	Is it possible to reduce infiltration and inflow into sewers by rehabilitation alone without addressing stormwater issues in the area?, Kumar Wisumperuma & Barry Carter, North Shore City Council	4:30PM An alternative approach to shaft constructions in Australia Mathew Devlin, Halcrow Pacific Pty Ltd
5:00PM	Afternoon sessions conclude	
6:00PM	Buses leave for River Cruise, sponsored by Vermeer	

Tuesday 22 September

8:00AM	Welcome coffee	
8:30AM	Morning plenary session – Yarra Room 1, Melbourne Park Function Centre	
8.45AM	Trenchless and sustainability, Dr Samuel Ariaratnam, School of Engineering, Arizona State University	
9.30AM	Building a future from water, Ross Young, Water Services Association of Australia	
10.00AM	Development of Guidelines, Standards and Specification of Horizontal Directional Drilling, Pipe Bursting, Microtunnelling & Pipe Jacking, Joel Chong, Calibre Projects	
10:30AM	Morning tea and exhibition	
	YARRA ROOM 2, MELBOURNE PARK FUNCTION CENTRE	YARRA ROOM 1, MELBOURNE PARK FUNCTION CENTRE
11:00AM	RELINING CASE STUDIES Structural rehabilitation solution for non-circular pipelines, Shaun Melville, SEKISUI Rib Loc Australia Pty Ltd	11:00AM HORIZONTAL DIRECTIONAL DRILLING Gas Main Trenchless Rehabilitation – Technology or Nous, Greg Bowyer, Jemena
11:30AM	Relining deteriorated sewer pipes using the Tight-in-Pipe method installing welded PE 100 RC pipes through a 1,000 mm manhole, Daniel Toms, TT Asia Pacific	11:30AM Pressure sewerage: implementing best practice environmental engineering and stakeholder consultation, Steven French, 'us' - Utility Services
12 NOON	Structural rehabilitation of pressure pipes using polyethylene, Jason Paterson, Insituform Technologies, Inc.	12 NOON HDD systems for pilot bore drilling in mixed soil conditions, Richard Levings, Ditch Witch / Charles Machine Works
12:30PM	Lunch served in the exhibition area	
1:30PM	MATERIALS Advances in high strength composites and pipeline rehabilitation, Daniel Gamboa, Insituform Pacific Limited	1:30PM CONTRACTS AND COSTS Duelling banjos - a front and back end perspective on relationship contracting, Jonathan McTigue & Nicholas Tsirogiannis, Clayton Utz Construction and Major Projects Group
2:00PM	Northern Sewerage Project: liner selection in a corrosive environment, Douglas Franklin, Sinclair Knight Merz	2:00PM An Alliance between the Water Corporation and the companies Brookfield Multiplex, Hans-Juergen Nagl, Zueblin Australia Pty Ltd
2:30PM	Innovative Organo Mineral Resins for CIPP, Jaymes Khell, Minova CarboTech GmbH	2:30PM Cost estimation model for trenchless sewer installation by microtunnelling technology, Krishnapillai Bala Subramaniam, TTI Consulting Engineers
3:00PM	Afternoon tea served in the exhibition area	
3:30PM	TECHNOLOGY AND PRODUCTS Wire line systems and magnetic guidance systems, Joe Zeck, DCI	3:30PM Subsurface Utility Engineering: a proven solution, Nicholas Zembillas, Cardno-TBE
4:00PM	Design, specification and selection of concrete jacking pipes: who decides?, John Bower, Independent Civil Solutions Pty Ltd	4:00PM Discussion and feedback session for new Guidelines, Standards and Specification of Horizontal Directional Drilling, Pipe Bursting, Microtunnelling & Pipe Jacking
4:30PM	Customised microtunnelling, Bert Fourie, Fourie Tunnelling Systems Ltd	Joel Chong, Calibre Projects
5:00PM	Afternoon sessions conclude	
7:00PM	Gala dinner, MCG, sponsored by Interflow	

* Please see overleaf for program details for social functions and training. *