

36th INTERNATIONAL NO-DIG 2018 – South Africa Conference Schedule
DAY 1 – MONDAY 8 OCTOBER 2018

7.30 – 8.30	REGISTRATION	
8.30 – 9.30	<p align="center">OPENING CEREMONY (Meeting Room 1.40)</p> <p><i>SASTT is inviting all interested parties to attend the paper to be presented by Neil van Rooyen on the topic of “Unlocking Economic Growth in South Africa Through The use Of Trenchless Technology”.</i></p> <p><i>As role players and decision makers, we plan to unpack the various elements for expansion in the Trenchless industry, detailing how this enables the creation of new contractors, immediate direct employment opportunities and cost savings worth Billions of Rands. Please come and join us for this vibrant discussion and help us improve the health and well-being of people in South Africa and the rest of the African Continent.</i></p>	
9.30 – 10.30	Exhibition Hall Opening and Visit Hall 1A	
	TRACK A	TRACK B
10.35 – 11.35	<p>Session 1A – Drilling Fluids Moderator: Prof Samuel Ariaratnam</p> <ul style="list-style-type: none"> • Adam Bates, Vermeer Corporation – Strategies for effective drilling fluid management • Henk Kruse, Deltares – Modelling the flow of drilling fluid during horizontal directional drilling • Dr Laurent Giuranna, SNF Floerger – State of the art in using polymer mud for drillings under critical conditions 	<p>Session 1B – Rehabilitation I Moderator: Prof John Matthews</p> <ul style="list-style-type: none"> • Andreas Gross, Rädlinger primus line GmbH – Trenchless rehabilitation of water mains with a Kevlar reinforced composite lining system • Prof Ian Moore, Queen’s University – Effect of grout choice during design of slip liners • Craig Bennett, Aegion – Cured-in-place (CIPP) rehabilitation using iPlus Glass
11.35 – 12.50	Lunch and Exhibition Visit in Exhibition Hall	
12.50 – 13.30	<p>Session 2A - Pipe Bursting, Auger Boring and Pilot Tube Moderator: Matthew Izzard</p> <ul style="list-style-type: none"> • Dr Gregor Nieder, Bohrtec GmbH – Pilot Pipe Jacking, new fields of applications for a proven technology • Stanislaw Nogaj, Kielce University of Technology – Polish experiences in trenchless pipe replacement 	<p>Session 2B – Asset Management I Moderator: Prof Raymond Sterling</p> <ul style="list-style-type: none"> • Jacobus Kriegler, Aurecon South Africa (Pty) Ltd – Application of condition assessment principles and hydraulic analysis in the decision-making process of the rehabilitation of the Black Mac Bulk Sewer, Cape Town • Tiia Lampola, SewCon Kuikka Oy – Understanding the Finnish sewerage inspection manual to a universal pipeline inspection manual
13.30 – 13:45	Refreshment Break	
13:45– 14:45	<p>Session 3A – Microtunneling and Pipe Jacking I Moderator: Prof Keh-Jian Shou</p>	<p>Session 3B – Asset Management II Moderator: Stanislav Lovecky</p>

	<ul style="list-style-type: none"> • Prof. Hideki Shimada, Kyushu University – Surrounding soil behaviour by using new type excavation of rectangular pipe jacking • Cyrill Althuser, Jackcontrol AG – The hydraulic joint, key to curved microtunneling • Timothy Hotchkiss, AECOM – Micro-tunnelling for the successful construction of the Cape Flats 3 Bulk Sewer 	<ul style="list-style-type: none"> • Matthew Izzard, Tracto Technik – Fiber to the home, a trenchless solution • Prof John Matthews, Trenchless Technology Center – Development of a Wastewater Pipe Deterioration Model for risk-based decision making
17.00	Exhibition Hall Closes	
18.30 – 23.15	Gala Dinner – The Rotunda, The Bay Hotel (Transfers from The Cullinan Hotel at 18:15 & back to The Cullinan Hotel at 23:15) Sunset Cocktails 18:30 – 19:15	

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DAY 2 – TUESDAY 9 OCTOBER 2018

	TRACK A	TRACK B
9.00 – 10.00	Session 4A – Utility Management Moderator: Enrico Boi	Session 4B – Rehabilitation II Moderator: Jari Kaukonen
	<ul style="list-style-type: none"> • Alaster Goyns, Pipeline Installation and Professional Engineering Services – Determining the remaining life of concrete sewers • Otto Ballintijn, Reduct NV – The importance of accurate as-built data for trenchless pipe installations <ul style="list-style-type: none"> • Prof Han-Chun Zhang, Guangzhou urban planning & design survey research institute – An inspection for detection of pipelines installed by HDD 	<ul style="list-style-type: none"> • Andrew Wedgner, Borouge Pte. – The EN ISO11295 Family of Pipeline Rehabilitation Standards and PE100+ No-Dig Guide • Jörg Brunecker, Swietelsky-Faber – Rehabilitation of the old sewer main in the Centre of Germany • Prof Keh-Jian Shou, National Chung-Hsing University – Analysis of the mechanical behaviours of pressurized underground pipelines rehabilitated by Cure-In-Place-Pipe method
10.00 – 10.30	Refreshment Break	
10.30 – 11.50	Session 5A – Horizontal Directional Drilling Moderator: Dr. Kimberlie Staheli	Session 5B – Rehabilitation III Moderator: Prof Jens Hoeltherhoef
	<ul style="list-style-type: none"> • Samuel Ariaratnam, Arizona State University – Market opportunities for horizontal directional drilling • Siggı Finnsson, Digital Control Inc. – Avoiding interference, how taking an original approach leads to increased accuracy, reliability and improved documentation HDD installations 	<ul style="list-style-type: none"> • Rainer Hermes, Hermes Technologies – Shaft renovation taking into account safety and economic factors • Richard Swan, Picote Solutions – Picote Solutions push the boundaries of pipe rehabilitation • Hendrik Panman, Kjeldass – Installing 140 meter DN 1400 alphasliner 1800H at minus 10 celsius in Norway

	<ul style="list-style-type: none"> Benny Melse/Carl Seeliger, Vermeer/Mincon – Strategies for Combating Rock 	
11.50 – 13.30	Lunch and Exhibition Visit	
13.30 – 14.30	Session 6A - Microtunneling and Pipe Jacking II Moderator: Yasin Torun	Session 6B – Asset Management III Moderator: Trevor Gosatti
	<ul style="list-style-type: none"> Uwe Breig, Herrenknecht AG – Trenchless Solutions for marine outfalls and landfalls Takashi Sasaoka, Kyushu University – Study on bit wear for high density slurry pipe jacking crusher type machine through a hard ground pipe jacking Mike Smart, Genesis Consulting – Purpose Engineering Pipes 	<ul style="list-style-type: none"> Kimmo Järvinen, UROS Ltd – IOT/Digital risk based asset management Peter Henley, Water Research Centre Ltd – A hole in the road, Sewer Risk Management to prevent sewer collapse Per Holm, BlueKolding A/S – BlueTender-a brand approach to procurement
14.30 – 14.45	Refreshment Break	
15.15 – 18.30	Social Tour to Groot Constantia Winery and Chapman Peak Scenic Coastal Drive (buses depart from Cullinan Hotel)	
16.00	Exhibition Hall Closes	

**36th INTERNATIONAL NO-DIG 2018 – South Africa (Draft Conference Schedule)
DAY 3 – WEDNESDAY 10 OCTOBER 2018**

8:30 – 18.30	Social Tour to Aquila Game Reserve (buses depart from Cullinan Hotel)
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