



TAILING STORAGE CONFERENCE 2020

Investing in a Sustainable Future

12-13 February 2020

Birchwood Hotel & OR Tambo Conference Centre, Johannesburg, South Africa

Preliminary Programme

Day 1 – Wednesday12 February 2020		14:00-14:20	An assessment of basic oxygen furnace slag
07:00-08:30	Early Morning Refreshments and Registration		dissolution for application in AMD Dam Remediation using waste products from the steel manufacturing and sugar industries
08:30-08:40	Welcome and Opening Address J. Baker, Conference Chairperson		T.S. Naidu, D. Chauhan, F. Xiong, C.M. Sheridan, and L.D. van Dyk, <i>University of</i>
08:40-08:45	Safety Briefing Venue Official	14:20-14:40	the Witwatersrand South Africa Mid Afternoon Refreshments
08:45-09:00	SAIMM Presidential Opening Address M.I. Mthenjane, SAIMM President and Exxaro Resources Ltd, South Africa		A comparison of conventional vs innovative methodologies for water recovery from a tailings storage facility in a dry environment
Session: 1 Session Chairperson:		15:00–15:20	J.J. van Rooyen, <i>SLR Consulting, South Africa</i> Cut-off systems for Dikes and Tailing Dams
	Keynote Address: Risk management for tailings storage facilities J. Wates, Fraser Alexander, South Africa		in Mining S. Schwank, BAUER Maschinen GmbH, Germany
09:40-10:00	A talk on the legal environment K. Cameron, South Africa	15:20–15:40	Preferred tailings retreatment approach to unlock value and create environmental
10:00–10:20	GIS enabled, web-based TSF surveillance solution A. Louw, N. Mincione, and R. van der Colf,		sustainability of the Louis Moore tailings dump near Giyani, South Africa N.K. Singo and J.D. Kramers, <i>University of</i>
10:20–10:40	SRK Consulting, South Africa	15:40–16:00	Johannesburg, South Africa Close Day 1
10.20	with ambient seismic noise O. Goldbach, <i>Institute of Mine Seismology,</i>	Day 2 – T	hursday 13 February 2020
10:40–11:00	South Africa Mid-Morning Refreshments	07:00-08:30	Early Morning Refreshments and
Session: 2 Session Cha		08:30-08:35	Registration Welcome and Opening Address L. Baker, Conference Chairperson
11:00–11:20	-	08:35–08:40	J. Baker, Conference Chairperson Safety Briefing Venue Official
11:20-11:40	The management of legacy tailings storage facilities - a strategic approach through history, acquisition, transformation and closure	Session: 4 Session Chairperson:	
			Keynote Address: Thinking differently about tailings
	K. Kariko, D. Johannes, T. Morake, and L. Tjatindi, <i>Dundee Precious Metals, Namibia</i>	09:20-09:40	
11:40–12:00	3D seepage modelling in Tailings Storage Facility analysis and design for low		tailings dam N. Moyo, University of the Witwatersrand, South
	permeability lined basins W. Rouncivell, S. Imrie, G. Howell, and A. Meintjies, SRK Consulting, South Africa	09:40–10:00	Africa Displacement monitoring with InSAR; an operational approach for tailings dams safety
12:00–12:20	Satellite based full life cycle monitoring of tailing storage facilities N.C. Steenkamp, S.L. Goosen, and	10:00–10:20	A. Jonson, Optron, South Africa WIN WIN - A women driven self-help scheme to remove mine dump residue
12:20–13:20	P.J. Bouwer, <i>Pinkmatter Solutions, South Africa</i> Lunch		K.L. Morton, KLM Consulting Services Pty Ltd,
Session: 3 Session Chairperson:		10:20-10:40	South Africa Design of an HDPE-lined platinum tailings
	Keynote Address: Current legal dispensation regarding retreatment of Tailings	10:40–11:00	facility in South Africa L. Spies, SRK Consulting, South Africa Mid-morning refreshments
13:40–14:00	C. Stevens, Werkmans Attorneys, South Africa Tailings dam risk reduction using accurate	11:00–12:30	Panel Discussion: Upstreaming or not upstreaming
	pore pressure monitoring K.L. Morton, KLM Consulting Services Pty Ltd, South Africa	12:30–13:30 13:30	. •