

**Southern African Coal Processing Society International Coal Conference: 19 – 22 August 2019**

**Coal Processing – Extracting value from low grade reserves**

**Tuesday 20 August 2019**

**Session 1 Topic: New plants and projects**

<b>Chairman</b>		<b>Jayson Jacobs</b>	
08:30	08:45	<b>Welcome/Opening - Chairman of the SACPS</b>	Devraj Reddy
08:45	09:15	Developments in coal processing technology and capacity since 1980's	M. Cresswell
09:15	09:45	Dense medium separation using a magnetic cyclone	J Rust, R. Fourie
09:45	10:30	Tea/Coffee	

**Session 2 Topic: Dense medium processing**

<b>Chairman</b>		<b>Jan Voges</b>	
10:30	11:30	<b>Keynote address 1</b>	Chris van Alphen
11:30	12:00	The Impact of Magnetite Rheology on Separation Efficiency in a 165 mm Dense Medium Cyclone	Jeremy Bosman
12:00	12:30	Medium Density Measurement without the Need for a Gamma Ray Source	T.M. Povel
12:30	13:00	Taking care of your plant's cyclones in order to take care of your plant	F. Enslin & E. Bekker
13:00	14:00	Lunch + visit exhibition	

**Session 3 Topic: Fine coal processing and dewatering**

<b>Chairman</b>		<b>Mark Cresswell</b>	
14:00	14:30	Development of a high capacity, low cut spiral for coal industry	Hlayisi Baloyi et al.
14:30	15:00	Flotation performance of different South African coal samples by using different frother and collector dosage	H. Assefa & N. Tshiongo-Makgwe
15:00	15:30	Absorbent assisted drying of spiral and flotation coal fines	Ruan Ertank et al.
15:30	16:00	Tea/Coffee	

**Session 4 Topic: Fine coal processing and dewatering**

<b>Chairman</b>		<b>Mark Craddock</b>	
16:00	16:30	Filter Press plant design	Mark Craddock
16:30	17:00	Optimizing a reflux classifier circuit	Gali Legodi

**Wednesday 21 August 2019**

**Session 5 Topic: Coal properties and analysis**

<b>Chairman</b>		<b>Kobus du Plessis</b>	
08:00	08:30	Determining the expected and actual measurement performance of an online element analyser on the final product stream of Grootegeluk 7 & 8 plants	Hennie Engelbrecht & Madeleine Roper
08:30	09:00	Investigating the relationship of South African coal physical properties by using analytical data from the Rhovol particle analyser	N. Tshiongo-Makgwe
09:00	09:30	Low relative density processing of coal with large diameter dense medium cyclones	Prosper Rugube
09:30	10:00	Coal washabilities: Comparison between traditional methods and the Rhovol analyser	O. Campbell
10:00	10:30	Tea/Coffee	

**Session 6 Topic: Dry processing**

<b>Chairman</b>		<b>Roy Roche</b>	
10:30	11:30	<b>Keynote address 2</b>	Lesley Jeffrey
11:30	12:00	Metteng Telligent Dry Sorter – TDS : The story	Aaron / Syd Parkhouse
12:00	12:30	Dry processing for coal preparation: a review	Nikki Hughes
12:30	13:00	The use of winnowing for dry coal beneficiation: simulation studies	O. Campbell
13:00	14:00	Lunch + visit exhibition	

**Session 7 Topic: Processing equipment**

<b>Chairman</b>		<b>Vumeka Buthelezi</b>	
14:00	14:30	Innovative slurry pumping solutions overcome challenges in coal	Murray Jooste
14:30	15:00	A performance comparison between PU and ceramic densifying cyclones	Kyle Camden Naidoo
15:00	15:30	A practical proven fines circuit	Mark Craddock
15:30	16:00	Tea/Coffee	

**Session 8 Topic: Dewatering and filtration + Tailings disposal and water savings**

<b>Chairman</b>		<b>Jaco Scholtz</b>	
16:00	16:30	Discard Waste Amelioration Approaches at Greenside Colliery	David Power et al
16:30	17:00	Defining the transport mechanism during contact sorption drying of coal fines	M. le Roux et al.

**Thursday 22 August 2019**

**Session 9 Topic: Coal processing research**

<b>Chairman</b>		<b>Devraj Reddy</b>	
08:00	08:30	An Investigation into The Drainage Capacity of Linear Horizontal Screens	Annelize Fouchee
08:30	09:00	Application and performance of the Larcodems	Gavin McLaggan
09:00	09:30	Life extension by extracting value from low-yielding coal reserves at Bokgoni Plant	Francois Du Toit
09:30	10:00	Performance Review of The Low-Cut Spiral (LC3) at Umlalazi Plant	Rendani Nhangeni
10:00	10:30	The Optima Process In Fine Coal Beneficiation – One System Serving Two Coal Markets	Tebogo Kale
10:30	11:00	Tea/Coffee	
11:00	11:30	Processing Options In Fine Coal Recovery – Which One Is For You?	Christina Ramotsabi
11:30	12:00	Surface mining machines	Waylon Kukard
12:00	12:15	Closure	Devraj Reddy
12:15		Lunch	