

## List of Abstracts · 7th International Platinum Conference · 18–19 October 2017

**Keynote Address: How to make SA mining business globally attractive again?**

F. Fourie, *Anglo Platinum*

**Keynote Address: The road to lower emission**

D. Jolie, *Anglo American*

**Keynote Address: The Platreef Project – A platinum mining game changer**

G. Mouton, *Ivanplats (Pty) Ltd, South Africa*

**The ACP Energy Recovery Plant: A Thermal Harvesting™ Case Study**

J. Malan, *Vuselela Energy*

**Investigating the behaviour of PGMs during first stage leaching of a Ni-Fe-Cu-S converter matte**

C.A. Snyders, G. Akdogan, S.M. Bradshaw, A.P. van Wyk, *Stellenbosch University, South Africa*

**Understanding PGM Furnaces Better Through Computational Modelling**

N.J. Sweeten, B. van Beek, A. Lexmond, and J.H. Zietsman, *University of Pretoria and Ex Mente Lonmin, South Africa*

**Furnace integrity monitoring using principal component analysis: An industrial case study**

J.W.D. Groenewald, L.R. Nelson, R.J. Hundermark, K. Phage, R.L. Sakaran, Q. van Rooyen, and A. Cizek, *Anglo American, South Africa*

**The Analysis and Interpretation of Fibre Optic Temperature Data at the Polokwane Smelter**

R L Sakaran, Q van Rooyen, and P K van Manen

**Particle segregation associated with sub-sampling of feed at a typical UG2 concentrator**

N. Sukha, *Anglo American, South Africa*

**Development of a reflux classifier circuit for chromite removal from a UG2 concentrator**

C. Anderson, C. Bergmann, and D Riley, *Hatch, South Africa*

**Grind Circuit Performance Measured and Controlled by Real-Time Particle Size Measurement on Individual Hydrocyclones**

C. O'Keefe, *CiDRA Minerals Processing, USA*

**Milling Circuit Optimisation Study for Kroondal 1 Platinum Concentrator**

N.S. Lameck, J. Kirigin, and J. Maphosa, *Multotec, South Africa*

**Thiol Collectors Blend for PGM Recovery in the PGM Mining Industry: Case Study of a UG2 Ore**

M.G. Moja, I.O. Otunniyi, W.A. Ngobeni, and P. Mendonidis, *Vaal University of Technology Technical Department and Senmin International Pty (Ltd), South Africa*

**Does mineral composition of a typical flotation ore affect pulp viscosity, is this important and can this be reduced by adding a reagent?**

W.A. Grobler and Y. Vana, *Betachem (Pty) Ltd*

**Optimization of precious metal recovery plants through the use of Metsim simulation models**

A. Holtzapple, C. Morrison, and M. Kretzinger, *Project Simulation Consulting, South Africa*

**A practical methodology to use Mineral Residue Facilities for water supply and contamination plume control at Mogalakwena Mine, South Africa**

I. Mogatusi and J. L'heureux, *Anglo American Platinum*

**Benefits accruing to rural communities from the mining industry corporate social responsibility projects in Moses Kotane local municipality of the North West province**

A. Bongwe, J. Francis, and G. Oloo, *University of Venda, South Africa*

**SAMMRI: Working towards sustainability**

V. Ross, *SAMMRI Board*

**Can Research, Development and Innovation Extend the Life of the PGM Mining Industry?**

S.M. Rupprecht, *University of Johannesburg*

**The effect of mining height on the performance of timber elongated**

C. Banda and Prof. Halil, *Anglo-coal, South Africa*

**Facies Determination and mineral resource cut Selection for PGE Mineralisation for Platinum Group Metals (PGE) deposits**

K. Lomborg, D. Hoffmann, and N.T. Wansbury, *Pivot Mining Consultants (Pty) Ltd, South Africa*

**Brownfields exploration in the Amandeubult area, Western Bushveld: Have there been opportunities amidst a decade of turmoil**

O. Chingobo, *Anglo Platinum*

**The opportunities and challenge of incorporating a social performance dimension into mineral asset strategic long term planning in South Africa**

G.L. Smith, *Anglo American Platinum Limited*

**Introduction of the Atlas Copco Botec SL Rope Anchor machine**

F. Fourie and P. Valicek, *Anglo American Platinum Limited*

**Management operating performance system the future to mechanization**

S. Strydom, G.L. Smith, F. Fourie, P. Valicek, and G. Krafft, *Anglo American Platinum Limited*

**A new Electro Hydraulic hand held rock drill tested by Anglo American NMT**

F. Fourie, P. Valicek, and D. Baird, *Anglo American Platinum Limited*

**Narrow Reef Mechanised mining layout within Anglo American**

F. Fourie, G.L. Smith, P. Valicek, and G. Krafft, *Anglo American Platinum Limited*

**Practical Application of Rockma Data in a Production Environment**

P. Myeni and Z. Langa, *Anglo Platinum*

**Experience in the development of flowsheet options for BRPM'S stydrift resource**

K. Selepe, *Mintek, South Africa*

**Making relevant sampling and assaying decisions: business applications from Mogalakwena Pt Mine Mogalakwena Pt Mine**

T. Muzondo and C. Govender, *Anglo Platinum*

**Value Based Extraction Decisions under Challenging Market Conditions at Mogalakwena Platinum Complex**

K. Mohanlal and P. Myeni, *Anglo Platinum*

**Mine Planning and its Relevance to The SAMCODES**

S.M. Rupprecht, *University of Johannesburg*

**The future of design – Parametric Mine Design and its implications for Mining Agility**

E. Strydom, *MineRP*

**Grade improvement through multidisciplinary team synergies; A case study of Unki Platinum Operation, Great Dyke of Zimbabwe**

C. Mwatahwa, *Anglo Platinum*

*\*Abstracts listed have been received to date.*

*The Final Programme will indicate accepted abstracts and papers*