



# Diamonds – Source to Use – 2021 Hybrid Conference

*Innovation and Technology*

**9–10 June 2021 Conference**

**The Canvas Riversands, Fourways, Johannesburg**

## Preliminary Programme

### Day 1 – Wednesday 9 June 2021

- 09:00–09:30 **Registration and Early Morning Refreshments**  
09:30–09:40 **Welcome and Opening Address**  
T.R. Marshall, *Conference Chairperson*  
09:40–09:45 **Safety Briefing**  
09:45–10:00 **Welcome Address - SAIMM President**  
V.G. Duke, *Sound Mining Solutions Pty Ltd*

#### Session 1

**Session Chairperson: T.R. Marshall**

- 10:00–10:45 **Keynote Address: Building a new diamond company in challenging times**  
P. Ravenscroft, *Burgundy Diamond Mines, Australia*  
10:45–11:15 **The unique alluvial diamond deposits of the Lower Vaal, Riet and Middle Orange Rivers, Northern Cape Province, South Africa**  
L. de Meillon, *Paleostone Mineral Consultants, South Africa*  
11:15–11:45 **Accurate diamond mine water control, a historical perspective and guidelines for modern deep underground diamond mines**  
K.L. Morton, *KLM Consulting services Pty Ltd, South Africa*  
11:45–12:15 **The Richtersveld land claim case – Supporting valuation for the state attorney**  
A. Van der Merwe<sup>1</sup> and N. Lock<sup>2</sup>, <sup>1</sup>*CinnaMine Limited* and <sup>2</sup>*Private Consulting Geologist, South Africa*  
12:15–12:45 **First ever pre-milling diamond recovery**  
R. Szabo, *Tomra, South Africa*  
12:45–13:45 **Lunch**

#### Session 2

**Session Chairperson: J. Clarke**

- 13:45–14:30 **Keynote Address: Diamond exploration and mining in Russia: Historical overview and prospects**  
V. Ustinov and S. Neruchev, *AGD Diamonds, Russia*  
14:30–15:00 **Satellite applications in diamond exploration and mine monitoring**  
N.C. Steenkamp, S.L. Goosen, and P.J. Bouwer, *Pinkmatter Solutions, South Africa*  
15:00–15:30 **Kalahari Diamonds Limited Plc – A case study in diamond property mineral asset valuation**  
A. Van der Merwe<sup>1</sup> and N. Lock<sup>2</sup>, <sup>1</sup>*CinnaMine Limited* and <sup>2</sup>*Private Consulting Geologist, South Africa*  
15:30–16:00 **Socio-economic transitioning during mine closure starts now – a framework for mine lifecycle socio-economic transitioning strategy planning**  
L. Pullinger and R. Sutcliffe, *SRK, South Africa*  
16:00–16:15 **Mid-Afternoon Refreshments**

#### Session 3

**Session Chairperson: G. Dellas**

- 16:15–16:45 **Keynote Address: TBC**  
N. Pauls, *IMDEX Limited*  
16:45–17:15 **Optimization of preferential mill rubber liners for the diamond industry**  
W. Verster, S. Taylor, and R. Hollenstein, *Multotec Rubber (Pty) Ltd, South Africa*  
17:15–17:45 **TBC**  
D. Collins

- 17:45–18:05 **Keynote Address: A look at current global diamond supply and demand fundamentals**  
P. Zimmisky, *Zimmisky Analytics, USA*  
18:05–18:15 **Day 1 Conference Close**  
G. Dellas

### Day 2 – Thursday 10 June 2021

- 08:00–08:30 **Registration and Early Morning Refreshments**  
08:30–08:40 **Welcome Address**  
M. Wertz  
08:40–08:45 **Safety Briefing**

#### Session 4

**Session Chairperson: M. Wertz**

- 08:45–09:30 **Keynote Address: Challenges and opportunities created by the global climate crisis viewed through a South African perspective**  
Lina Hockaday, *Mintek, South Africa*  
09:30–10:00 **Analytics for effective investment in early-stage diamond projects**  
S. Coward, J.A.H. Campbell, *Interlaced, Botswana Diamonds plc*  
10:00–10:30 **From Preliminary Economic Assessment (PEA) to production**  
J. Clarke, *Paradigm Project Management (Pty) Ltd South Africa*  
10:30–10:45 **Mid-Morning Refreshments**

#### Session 5

**Session Chairperson: S. Messing**

- 10:45–11:30 **Keynote Address: Diamond Revenue Estimation in a (Post)-COVID World**  
C. Gordon-Coker, *De Beers group, United Kingdom*  
11:30–12:00 **Diamond plant statistics, unit process efficiencies, plant modelling and simulation, the art of the possible**  
G. Dellas, *Self Employed, South Africa*  
12:00–12:30 **Time-based approach to autogenous mill circuit modelling of kimberlitic ore for comprehensive process design and analysis**  
K.M. Allan, P. van der Westhuyzen, A. Jakins, *Lycopodium Minerals Africa, South Africa*  
12:30–13:15 **Lunch**

#### Session 6

**Session Chairperson: J. Clarke**

- 13:15–14:00 **Keynote Address: Digitalisation in process optimization**  
S. Moeti, *DeBeers*  
14:00–14:30 **Evaluation of secondary diamond deposits according to the SAMREC Code**  
T.R. Marshall, *Explorations Unlimited, South Africa*  
14:30–15:00 **TBC**  
S.B. Abilleira, *Datamine*  
15:00–15:30 **Opportunities and challenges related to the implementation of the GISTM – A Consultant's perspective**  
G. Macfarlane, *SRK*  
15:30–15:45 **Mid-Afternoon Refreshments**  
15:45–16:15 **Multotec virtual tour**  
16:15–16:45 **Epiroc virtual tour**  
16:45–17:00 **Conference Close**  
J. Clarke