



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 1: 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 Merwe¹ and N. Lock², ¹*CinnaMine Limited* and ²*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 2: 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 Merwe¹ and N. Lock², ¹*CinnaMine Limited* and ²*Private Consulting Geologist, South Africa*

15:30–16:00 **Socio-Economic Self-Sustainability Indicators for Mines Approaching Closure¹**

L. Fair and J. Edwards, *SRK, South Africa*

16:00–16:15 **Mid-Afternoon Refreshments**

Session 3

Session Chairperson: G. Dellas

16:15–17:00 **Keynote Address 3**

TBC

17:00–17:30 **Optimization of preferential mill rubber liners for the diamond industry**

W. Verster, S. Taylor, and R. Hollenstein, *Multotec Rubber (Pty) Ltd, South Africa*

17:30–17:50 **Keynote Address 4: A look at current global diamond supply and demand fundamentals**

P. Zimmisky, *Zimmisky Analytics, USA*

17:50–18:05 **Day 1 Conference Close (Cash Bar)**

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 5: 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 6: 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 7**

TBC

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**

15:00–15:30 **TBC– SRK, South Africa**

15:30–15:45 **Mid-Afternoon Refreshments**

15:45–16:15 **TBC virtual site visit**

16:15–16:45 **TBC virtual site visit**

16:45–17:00 **Conference Close**

J. Clarke