



# Diamonds – Source to Use – 2021 Online Conference

*Innovation and Technology*

9–10 June 2021 Conference

## Preliminary Programme

### Day 1 – Wednesday 9 June 2021

- 09:45–10:00 **Zoom login**
- 10:00–10:10 **Welcome and Opening Address**  
T.R. Marshall, *Conference Chairperson*
- 10:10–10:15 **Zoom Logistics, SAIMM**
- 10:15–10:30 **SAIMM Presidential Address**  
V.G. Duke, *Sound Mining Solutions Pty Ltd*
- Session 1**  
**Session Chairperson: T.R. Marshall**
- 10:30–11:15 **Keynote Address: Building a new diamond company in challenging times**  
P. Ravenscroft, *Burgundy Diamond Mines, Australia (4pm)*
- 11:15–11:35 **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*
- 11:35–11:55 **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*
- 11:55–12:15 **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>MSA Group and <sup>2</sup>Private Consulting Geologist, *South Africa*
- 12:15–12:45 **First ever pre-milling diamond recovery**  
R. Szabo, *Tomra, South Africa*
- 12:45–13:15 **Lunch (30 minutes)**
- Session 2**  
**Session Chairperson: J. Clarke**
- 13:15–14:00 **Keynote Address: Diamond exploration and mining in Russia: Historical overview and prospects**  
V. Ustinov, *AGD DIAMONDS, St Petersburg*
- 14:00–14:20 **Satellite applications in diamond exploration and mine monitoring**  
N.C. Steenkamp, S.L. Goosen, and P.J. Bouwer, *Pinkmatter Solutions, South Africa*
- 14:20–14:40 **Kalahari Diamonds Limited Plc – A case study in diamond property mineral asset valuation**  
N. Lock, *Private Consulting Geologist, South Africa*
- 14:40–15:00 **Socio-economic self-sustainability indicators for mines approaching closure**  
L. Pullinger and J. Edwards, *SRK, South Africa*
- 15:00–15:15 **Break (15 minutes)**
- Session 3**  
**Session Chairperson: G. Dellas**
- 15:15–15:35 **Opportunities and challenges related to the implementation of the GISTM – A Consultant's perspective**  
G. Macfarlane, *SRK, South Africa*
- 15:35–16:00 **Optimization of preferential mill rubber liners for the diamond industry**  
W. Verster, S. Taylor, R. Hollenstein, *Multotec Rubber (Pty) Ltd, South Africa*
- 16:00–16:20 **The need to decarbonize completely by 2050 and the implications**  
D. Collins, *MAC Consulting, South Africa*

- 16:20–16:40 **Keynote Address: The diamond industry in 2021, A look at current global diamond supply and demand fundamentals**  
P. Zimnisky, *Zimnisky, New York*
- 16:40–16:45 **Day 1 Wrap Up**  
G. Dellas

### Day 2 – Thursday 10 June 2021

- 08:45–09:00 **Zoom Login**
- 09:00–09:10 **Welcome Address**  
M. Wertz
- 09:10–09:15 **Zoom Logistics, SAIMM**
- Session 4**  
**Session Chairperson: M. Wertz**
- 09:15–10:00 **Keynote Address: Challenges and opportunities created by the global climate crisis viewed through a South African perspective**  
L. Hockaday, *Mintek, South Africa*
- 10:00–10:20 **Analytics for effective investment in early-stage diamond projects**  
S. Coward, J.A.H. Campbell, *Interlaced, Botswana Diamonds plc, Perth*
- 10:20–10:40 **From preliminary economic assessment to production**  
J. Clarke, *Paradigm Project Management (Pty) Ltd South Africa*
- 10:40 – 10:55 **Break**
- Session 5**  
**Session Chairperson: S. Messing**
- 10:55–11:40 **Keynote Address: Diamond revenue estimation in a (Post)-COVID World**  
C. Gordon-Coker, *De Beers, London*
- 11:40–12:00 **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 **Lunch**
- Session 6**  
**Session Chairperson: J. Clarke**
- 12:30–13:15 **Keynote Address: Digitalization in process optimization**  
S. Moeti, *De Beers Ignite, South Africa*
- 13:15–13:35 **Evaluation of secondary diamond deposits according to the SAMREC Code**  
T.R. Marshall, *Explorations Unlimited, South Africa*
- 13:35–13:55 **Mine reconciliation at a cut above the rest**  
B. Abilleira, *Datamine, Johannesburg*
- 13:55–14:10 **Break**
- 14:10–14:30 **The significance of the south african junior diamond mining industry in South Africa - highlighting the challenges and possible solutions**  
A. Marengwa and G. van Niekerk, *SADPO*
- 14:30–14:45 **The south african diamond and precious metals regulator**  
(SADPMR)
- 14:45–15:00 **Conference Close, J. Clarke**