Monday, 11 June 2018
Workshop: SAMREC/SAMVAL Reporting–Diamond Projects
16:00–18:00 Welcome Network Cocktail and Pre Conference Registration

Day 1–Tuesday, 12 June 2017
07:30–08:30 Early Morning Refreshments and Registration
08:30–08:35 Chairperson’s Welcoming Address T. Marshall
08:35–08:40 Emergency procedures presentation S. Nfield, President, SAIMM
09:00–10:25 The role of Hodotermes mossambicus termites and background kimberlite indicators in the Kgalagadi T. Diria and L. Danisi, Geocontracts Botswana, Botswana
10:25–11:00 Kimberlite-Country rock contact delineation at Finsch Diamond Mine T. Khali and M. Matabane, Petra Diamond Project, South Africa
11:00–11:15 Mid-Morning Refreshments
11:30–12:15 Valuating rough diamonds from African countries K.B. Lappeman, Independent Diamond Consultant, South Africa
12:15–12:30 Performance of laminar spiral inlet cyclone in a diamond DMS application B. Zimba, Weir Minerals Africa (Pty) Ltd, South Africa
12:30–13:15 De Beers consumer confidence technical research and diamond verification instruments P.M. Martineau and C.D. McGuinness De Beers Technologies UK, UK
13:15–14:00 The new Cullinan AG milling circuit – a narrative of progress L. Musenwa, T. Khumalo, M. Kgaphola, S. Masemola, and G. van Wyk, Petra Cullinan Diamond Mine and 2Thysenkrupp, South Africa
14:00–14:15 Lunch
14:15–15:00 Practically road mapping the technology and digital transformation in mining C. Holtzhausen and T. Moodley, Hatch Africa (Pty) Ltd, South Africa
15:00–15:45 Geophysical alluvial exploration using the Aquares resistivity method R.M. Brabers, Demco NV, Belgium
15:45–16:30 Diamond exploration and mining in southern Africa: some thoughts on past, current, and possible future trends W.F. McKechnie, Snowden Mining Industry Consultants (Pty), South Africa
16:30–17:15 Afternoon Tea
17:15–18:00 Regional diamond exploration under cover N. Pendock, DIRT Exploration, South Africa
18:00–18:45 Monitoring the performance of DMS circuits using RhoVol technology M. Fofana and T. Steyn, De Beers Technologies SA, South Africa
18:45–19:30 The future of diamond liberation and recovery? J.E. Clarke, Paradigm Project Management (Pty) Ltd, South Africa
19:30–20:15 Day 1 Conference Close G. Della
20:15–21:00 Network Cocktail

Day 2–Wednesday, 13 June 2017
08:00–08:30 Early Morning Refreshments and Registration
08:30–08:35 Chairperson’s Welcoming Address M. Wertz
08:35–08:40 Emergency procedures presentation

Session 5 – Session Chair: M Wertz
08:40–09:10 Keynote Address: Financing diamond projects J.A.H. Campbell, Botswana Diamonds plc, Botswana
09:10–09:45 The importance of grease technology in diamond recovery J.E. Danoczi, Saskatchewan Research Council, Canada
09:45–10:10 Operational changes enable Namdeb’s Southern Coastal mining team to reduce risk and increase productivity as we advance deeper into the Atlantic Ocean S. Kirkpatrick and J. Mukendwa, Namdeb, Namibia
10:10–10:30 Mid-Morning Refreshments

Session 6 – Session Chair: B. McKechnie
10:30–10:55 The application of XRT in the De Beers Group of Companies A. Voigt, G. Morrison, G. Hill, G. Della, and R. Mangera, De Beers Technologies (SA), South Africa
10:55–11:20 Jwaneng – The untold story of the discovery of the world’s richest diamond mine N. Lock 1 and S. Verco 2 , Private Consulting Geologist, and De Beers Group, UK
11:45–12:10 A strategy for improving water recovery in kimberlitic diamond mines A.J. Vietti, Vietti Slurrytec (Pty) Ltd, South Africa
12:10–12:55 Lunch

Session 7 – Session Chair: J. Clarke
12:55–13:20 Coagulation of kimberlitic ore by gypsum I.F. Kuit, De Beers, South Africa
13:20–13:45 Application of microdiamond technique in assisting diamond mining juniors to make rapid technical and economic decisions H. Cronwright 1 and J.A.H. Campbell 2, 1The MSA Group (Pty) Ltd, South Africa and 2Botswana Diamonds plc, Botswana
14:10–14:35 Lunch

14:35–15:00 Application of dynamic simulation for the Gahcho Kué Project A. Lebedev and A. Rodel, Lebedev Consulting, South Africa, Gahcho Kué, Canada
15:00–15:25 Field trip guide to Cullinan Diamond Mine A. Wolmarans, T. Phahlia, and A. Rogers, 1Petra Diamonds Southern Africa (Pty) Limited and 2Cullinan Diamond Mine, South Africa
15:25–15:30 Conference Close J. Clarke

Thursday, 14 June 2018
Technical Visits
1. DebTech (De Beers Technologies SA)
2. Cullinan Mine
3. Ruzow/Marcov Diamond Cutting Works