

Preliminary Programme—MineSafe Conference 2017 • 30–31 August 2017

Day 1 — Wednesday, 30 August 2017

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| 07:00–08:00 | Early Morning Refreshments and Registration |
| 08:00–08:05 | Welcoming Address T. van den Berg, Conference Chairperson |
| 08:05–08:10 | Emergency Procedures Presentation |
| 08:10–08:15 | Opening Address S. Ndlovu, President, SAIMM |
| 08:15–08:50 | Keynote Address: The philosophies and approaches deployed by Zimplats to attain sustainable zero harm A.K.B. Chigwada, Zimplats, Zimbabwe |
| 08:50–09:15 | Developing a resilient safety culture B. Solomon, The Kinetic Leadership Institute, South Africa |
| 09:15–09:40 | Improving safety during vertical shaft sinking in unconsolidated sediments through detailed geotechnical investigation N.C. Steenkamp, Independent Geological and Geotechnical Consultant South Africa |
| 09:40–10:00 | Questions Session |
| 10:00–11:00 | Poster Session and Mid-morning Refreshments |
| 11:00–11:25 | Industry Presentation |
| 11:25–11:50 | Supportive leadership L.D. Meyer, University of Pretoria, South Africa |
| 11:50–12:15 | New age of highly effective explosion suppression systems in fiery mines. Using active suppression barriers to prevent loss of human life P. van Zyl, Explospot, South Africa |
| 12:15–12:40 | Observational Studies in South African Mines to Mitigate Seismic Risks: Challenges and Achievements R.J. Durrheim*, H. Ogasawara†, M. Nakatani‡, Y. Yabe§, M. Naoi**, H. Moriya‡, A. Cichowicz††, T. Satoh‡, H. Kawakata†, H.K.A. Milev†††, T. Kgarume†††, V.Z. Brink††, A.K. Ward§§, L. Ribeiro§§, M.S.D. Manzi†††, S. Mngadi†, and the SATREPS Team *University of the Witwatersrand, South Africa, †Ritsumeikan University, Japan, ‡The University of Tokyo, Japan, §Tohoku University, Japan, **Kyoto University, Japan, ††Council for Geoscience, South Africa, ‡‡AIST, Japan, †††CSIR, South Africa, §§Seismogen CC, South Africa, South Africa, Japan |
| 12:40–13:00 | Questions Session |
| 13:00–13:50 | Lunch |

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| 13:50–14:10 | Introduction to Open Space Technology |
| 14:10–15:10 | Open Space Technology 1 |
| 15:10–15:45 | Open Space Technology feedback |
| 15:45–16:15 | Close of Technical Conference |

Day 2 — Thursday, 31 August 2017

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| 07:00–08:00 | Early Morning Refreshments and Registration |
| 08:00–08:10 | Welcoming Address T. van den Berg, Conference Chairperson |
| 08:10–08:15 | Emergency Procedures Presentation |
| 08:15–08:50 | Keynote Address: Dealing with uncertainty and risk in the design of deep and high stress mining excavations W.C. Joughin, SRK Consulting (South Africa) (Pty) Ltd, South Africa |
| 08:50–09:15 | A 4D Leadership Model Postulation in the 4th Industrial Revolution relating to the South African mining industry J. Uys and R.C.W. Webber-Youngman, University of Pretoria, South Africa |
| 09:15–09:40 | The impact of forensic laser scanning technology on incident investigations in the mining industry R.C.W. Webber-Youngman*, H. Grobler*, T. Gazi*, F. Stroh†, and A. vd Vyver, *University of Pretoria and †Horts-Solutions, South Africa |
| 09:40–10:00 | Questions Session |
| 10:00–11:00 | Poster Session and Mid-morning Refreshments |
| 11:00–11:25 | 20 Year safety journey in shaft sinking A. Jansen van Vuuren and T. Moloto, Shaft Sinkers Mining (Pty) Ltd, South Africa |
| 11:25–11:50 | Behaviour Based Safety (BBS) at Twistdraai Export Plant S. Madida, Sasol Mining, South Africa |
| 11:50–12:15 | Sustainability and Stakeholder focus P. Jordaan, Sasol Mining, South Africa |
| 12:15–12:40 | Industry Presentation |
| 12:40–13:00 | Questions Session |
| 13:00–13:50 | Lunch |
| 13:50–14:10 | Introduction to Open Space Technology |
| 14:10–15:10 | Open Space Technology 2 |
| 15:10–15:45 | Open Space Technology Feedback |
| 15:45–16:15 | Close of Technical Conference |