

MINE SAFE 2017

Striving for Zero Harm

Driving Excellence through Compliance

Emperors Palace, Hotel Casino Convention
Resort, Johannesburg

Technical Conference and Industry day

30-31 August 2017—Conference
1 September 2017—Industry day



WHO SHOULD ATTEND

The conference should be of value to:

- Safety practitioners
- Mine management
- Mine health and safety officials
- Engineering managers
- Underground production supervisors
- Surface production supervisors
- Environmental scientists
- Minimizing of waste
- Operations manager
- Processing manager
- Contractors (mining)
- Including mining consultants, suppliers and manufacturers
- Education and training
- Energy solving projects
- Water solving projects
- Unions
- Academics and students
- DMR.

For further information contact:

Head of Conferencing
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OBJECTIVES

The conference will focus on improving health, safety and the environmental impact in the mining and metallurgy industry and highlight actions to be taken. It will act as a platform for learning and allow people to share ideas on safety, health and the environment.

This conference aims to bring together management, DMR, Chamber of Mines, Unions and health and safety practitioners at all levels from the industry to share best practice and successful strategies for zero harm and a value-based approach to health and safety. It will address the main challenges in the mining industry such as logistics, energy and safety of employees, contractors and the communities.

SPONSORSHIP

Sponsorship opportunities are available. Companies wishing to sponsor or exhibit should contact the Conference Co-ordinator.



SAIMM
THE SOUTHERN AFRICAN INSTITUTE
OF MINING AND METALLURGY



SUPPORTED BY:



Chamber of Mines of South Africa
Putting South Africa First



Mine Health &
Safety Council

MHSC



mineral resources
Department:
Mineral Resources
REPUBLIC OF SOUTH AFRICA



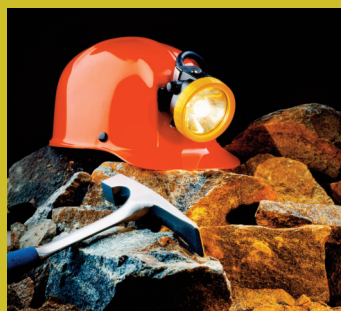
NUM
National Union of Mine Workers



Solidariteit
Solidarity



SPONSORS



Conference Announcement

SAIMM, AMMSA, MMMA, and SACMA are hosting the

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30-31 August 2017

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THE SOUTHERN AFRICAN INSTITUTE OF MINING AND METALLURGY

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E-mail: camielah@saimm.co.za (Head of Conferencing)
or anna@saimm.co.za (Registration)

SUPPORTED BY:



SPONSORS



PERSONAL DETAILS

Title First Name Other Initials

Surname/Family Name

Preferred Name (for use on name badge)

Company Designation

Company VAT Registration (Compulsory—SA companies)

Order No.

Invoice Address Code Country

Tel/Cell Fax

E-mail

Accompanying persons name

SAIMM/AMMSA/MMMA/SACMA membership no.

Are you a presenting author?

Do you require an invitation for visa purposes?

REGISTRATION FEES FOR THE CONFERENCE

All prices are inclusive of 14% VAT.
(VAT does not apply to foreign delegates)

Please indicate your choice by (✓ tick).

	Early registration fees Before 14 July 2017	Registration fees After 14 July 2017
Authors	R6 999 <input type="checkbox"/>	R6 999 <input type="checkbox"/>
SAIMM/AMMSA/SACMA/MMMA members	R7 500 <input type="checkbox"/>	R8 500 <input type="checkbox"/>
Non Members	R8 300 <input type="checkbox"/>	R9 500 <input type="checkbox"/>
Students/Retired Members	R3 500 <input type="checkbox"/>	R3 500 <input type="checkbox"/>

REGISTRATION FEES FOR ONE DAY for attending at the conference only
R4 500.00 PER PERSON PER DAY

Please indicate (✓ tick) which day you will be attending.
Wednesday—30 August 2017 OR Thursday—31 August 2017

Registration fees include: attendance at technical sessions, cocktail parties, all refreshments, lunches, abstract booklet with CD of all papers presented at the conference, and delegate material.

Registration fees exclude: travel, accommodation, guest, for social functions and conference proceeding book.

Cancellation and transfer policy:

Delegates unable to attend the event may send a substitute delegate in their place. Please send written details of substitution. Written cancellations must be received more than 10 working days prior to the date of the event and will be liable for 50% of the event fee. Failure to cancel, or cancellation received 10 working days or less prior to the event date, will result in liability for the full event fee.

■ **Special requirements** — Please advise of any special requirements for diet, health or physical disabilities.

PAYMENT

Please include payment itemised as follows:

Conference registration fee R

TOTAL R

Cheques—Please find enclosed a cheque/money order (in SA rands) payable to SAIMM or

Credit Cards—Please debit (✓ tick) my:

Visa Mastercard American Express Diners Club

Card No.

CVV authorisation (last 3 digits on the back of the card)

Expiry date:.....

Signature:.....

Please print name of cardholder:

Payment:

Full payment is due on application for registration. Registration will be confirmed ONLY after payment is received. **PROOF OF PAYMENT** with your invoice number reflected must be sent via fax or e-mail to the Conference Co-ordinator. Delegates who have not paid will not be permitted to attend the conference.

Our banking details are:

Bank: Standard Bank
Branch Code: 000205
Account Type: Cheque Account
Branch: Johannesburg
Account No: 000402974
Swift No. SBZAZAJJ

2 ECSA CPD points will be allocated to all attending delegates

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

Day 1 — Wednesday, 30 August 2017

07:00–08:00	Early Morning Refreshments and Registration
08:00–08:05	Welcoming Address T. van den Berg, <i>Conference Chairperson</i>
08:05–08:10	Emergency Procedures Presentation
08:10–08:15	Opening Address S. Ndlovu, <i>President, SAIMM</i>
08:15–08:50	Keynote Address: The philosophies and approaches deployed by Zimplats to attain sustainable zero harm A.K.B. Chigwada, <i>Zimplats, Zimbabwe</i>
08:50–09:15	Developing a resilient safety culture B. Solomon, <i>The Kinetic Leadership Institute, South Africa</i>
09:15–09:40	Improving safety during vertical shaft sinking in unconsolidated sediments through detailed geotechnical investigation N.C. Steenkamp, <i>Independent Geological and Geotechnical Consultant South Africa</i>
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, <i>University of Pretoria, South Africa</i>
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, <i>Explospot, South Africa</i>
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

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

07:00–08:00	Early Morning Refreshments and Registration
08:00–08:10	Welcoming Address T. van den Berg, <i>Conference Chairperson</i>
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, <i>SRK Consulting (South Africa) (Pty) Ltd, South Africa</i>
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, <i>University of Pretoria, South Africa</i>
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, <i>Shaft Sinkers Mining (Pty) Ltd, South Africa</i>
11:25–11:50	Behaviour Based Safety (BBS) at Twistdraai Export Plant S. Madida, <i>Sasol Mining, South Africa</i>
11:50–12:15	Sustainability and Stakeholder focus P. Jordaan, <i>Sasol Mining, South Africa</i>
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