



SAIMM
THE SOUTHERN AFRICAN INSTITUTE
OF MINING AND METALLURGY

Surface Mining Masterclass 2019

4–5 September 2019

Birchwood Hotel & OR Tambo Conference Centre, Johannesburg

BACKGROUND

As the mining industry is rapidly pursuing Artificial Intelligence and Machine Learning - definitely the right thing to do – there is still a need to keep the miner grounded in leading practices in the field of surface mining. For example, poor drilling or the incorrect selection of the blast hole diameter can lead to poor blasts which impacts on the whole mining process such as highwall stability, fragmentation, loading and hauling, dilution, mining loss and increased comminution costs - just to name a few. Incorrect equipment selection or matching of equipment results in unoptimized cycle times and higher operating costs.

OBJECTIVES

The objective of the masterclass is to reinforce learning around the surface mining cycle. The mining cycle is an interrelated process whereby drill-blast-load-haul impacts on each other as well as other aspects to surface mining e.g. safety, highwall design and stability, environment and economic sustainability. The symposium's objective is to review specifics aspects of the mining cycle so as to inform the attendee of leading practices in the area of surface mining.

WHO SHOULD ATTEND

- Academics
- Business analysts
- Consultants
- Contractors
- Drilling and blasting engineers
- Engineers-in-training
- Equipment manufacturers
- Geologists
- Geotechnical engineers
- Drill and blast engineers
- Mine managers
- Mine planning engineers
- Mineral resource managers
- Operations managers
- Planning and development engineers
- Shift/production supervisors.

TOPICS

- Drill equipment
- Blast design
- Presplit design
- Loading considerations and techniques
- Equipment selection and matching
- Load and haul design, techniques and equipment matching
- Haul road design, construction and maintenance
- Highwall stability
- Highwall monitoring
- Operator wellbeing and safety (sleep monitoring, etc.)
- Future trends/innovation – automation, artificial intelligence, machine learning.

FOR FURTHER INFORMATION CONTACT:

Camielah Jardine, Head of Conferencing, SAIMM
Tel: (011) 834-1273/7 · Fax: (011) 833-8156 or (011) 838-5923
E-mail: camielah@saimm.co.za · Website: www.saimm.co.za

SPONSORSHIP

Sponsorship opportunities are available. Companies wishing to sponsor or exhibit should contact the Conference Coordinator.

First Announcement and Call for Papers



SAIMM
THE SOUTHERN AFRICAN INSTITUTE
OF MINING AND METALLURGY

Surface Mining Masterclass 2019

4–5 September 2019

Birchwood Hotel and Conference Centre, Johannesburg

Call for Papers

CALL FOR PAPERS

The Masterclass is being organised by The Southern African Institute of Mining and Metallurgy, and papers are invited for this event.

Papers will be peer reviewed and published and will be selected for either an oral or poster presentation.

Prospective authors are invited to submit titles and abstracts of their papers, in English. The abstracts should be no longer than 500 words and should be submitted to: Camielah Jardine, Head of Conferencing

E-mail: camielah@saimm.co.za

Telephonic enquiries may be made at

Tel: +27 11 834-1273/7

KEY DATES

6 May 2019 Submission of abstracts

1 July 2019 Submission of final paper

4–5 September 2019 Conference

The Southern African Institute of Mining and Metallurgy

SURFACE MINING MASTERCLASS 2019

Camielah Jardine, Head of Conferencing, E-mail: camielah@saimm.co.za

☐ I am interested in attending the conference

☐ I intend to submit a paper entitled:

Title of paper:

Personal Details: Name.....

Address

Tel:.....Mobile:.....

E-mail:

Surface Mining Masterclass 2019

4–5 September 2019

Birchwood Hotel and Conference Centre, Johannesburg



Please complete and return to:

SAIMM, P.O. Box 61127, Marshalltown, 2107
Tel: +27 11 834 1273/7 · Fax +27 11 838 5923 or 833 8156
E-mail: camielah@saimm.co.za (Head of Conferencing) or
tshepi@saimm.co.za (Registration)

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
Tell/Cell: Fax: Email:
SAIMM Membership No Are you a presenting author? Do you require an invitation for visa purposes?

Please note: Non-members who have not previously been members of the SAIMM are entitled to free membership up to 30 June 2020, for attending this Conference

Would you like to become a member of SAIMM?
Please indicate by (✓ tick) ☐

REGISTRATION FEES — All prices are inclusive of VAT.

Please indicate your choice by (✓ tick).

	Early registration fees Before 1 July 2019		Registration fees After 1 July 2019	
Presenting Author	R3 500	☐	R3 500	☐
SAIMM Members	R5 900	☐	R6 900	☐
Non SAIMM Members	R7 000	☐	R7 900	☐
Students/Retired Members	R2 500	☐	R2 500	☐

REGISTRATION ONE DAY: R4 500

Delegates may also attend the conference for ONE day only

Please indicate (✓ tick) which day you will be attending.
Conference:

Wednesday—4 September 2019 ☐ Thursday—5 September 2019 ☐

- **Registration fees include:** attendance at technical sessions, cocktail parties, all refreshments and lunches, abstract booklet with a memory stick of all papers presented at the conference, and delegate material.
- **Registration fees exclude:** travel, accommodation.

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.

SOCIAL FUNCTIONS

■ **Welcome cocktail party** (Wednesday—4 September 2019)
Please indicate (✓ tick) for catering purposes if you will be attending any of the social functions (included in the registration fee for all fully registered delegates and students).

Payment required for additional guests only R250 each
YES ☐ I will be attending (registered delegates) N/C

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

PAYMENT Details

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.

Person responsible for Payment Authorisation

Name:
Surname:
Company:
Designation:
Tel: Email:
Authorisation Signature:
Date:

Please include payment itemised as follows:

Conference registration fee R
Cocktail function (R250 extra guests) R
TOTAL R

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

EFT (Electronic Fund Transfer) — Please attach proof of payment

Credit Cards—Please debit (3 tick) my:

Visa ☐ Mastercard ☐ American Express ☐ Diners Club ☐

Card No.

CVV authorisation (last 3 or 4 digits on the back of the card)

Expiry date:

Authorisation Signature:

Date:

Please print name of cardholder:

Our banking details are:

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

2 ECSA CPD points will be allocated to all attending delegates