


























Shotcrete for Africa

PLEASE NOTE:
2 - ECSA CPD credits
will be allocated to
attending delegates

Misty Hills Conference Centre, Cradle of Humankind
(1 hour North West of Johannesburg)

PRELIMINARY PROGRAMME

- The ITA and it's working groups—M. Knights, President ITA 
- Work of Working Group 12 'Use of Shotcrete'—E. Grov 
- Certification of shotcrete nozzlelemen around the world—
C. Larrive 
- Shotcrete nozzleleman certification in North America—
D.R. Morgan 
- Training for sprayed concrete application—V. Wetzig 
- BASF shotcrete nozzleleman training and testing in South Africa—
L. Hage 
- Some aspects of current shotcreting practice in South Africa Part
1 Civil—A. Boniface 
- Some aspects of current shotcreting practice in South Africa Part
2 Mining—L. Hage 
- A review of mechanisms of shotcrete and thin spray-on liner
support, and recent investigations—T.R. Stacey 
- Comparison of mechanical properties of shotcrete and thin spray-
on liner (TSL)—H. Yilmaz 
- Application of a TSL at Mponeng GM in a 4.5 m x 4.5 m declines
at a depth of 3 400 m below surface—R. Carstens 
- Practical experience with the use of TSL at Two Rivers, Platinum
Mine—A.P. Esterhuizen 
- Durability and curing of shotcrete—A. Boniface 
- Shotcrete quality control and testing for an underground mine in
Canada—D.R. Morgan 
- A Review of Shotcrete Materials and Mix Design—M. Alexander 
- Design to implementation—Tailings based wetcrete at Harmony's
target mine—P.J. Le Roux 
- Shotcrete support requirements for tunnels developed in SA hard
rock mining conditions—K.B. Le Bron 
- Monitoring of the shotcrete rock interaction under quasi-static
and dynamic conditions—J.J. Thompson 
- Shotcrete support of flat arch profile tunnels under high stress in
Bushveld Igneous Complex mines—R.A. Thompson 
- Shotcrete as support medium for tunnels developed in Kimberlite
at De Beers, Finch Mine—C. Preece 
- Structural shotcrete specifications—D.R. Morgan 
- Application of robotic wet shotcreting in the Gautrain tunnels—
R. Pettit 
- Shotcrete applications in the Matsoku tunnel, lessons learnt—
M. Lebisa 
- Aesthetic and design considerations for the specification of
shotcrete linings for civil engineering purposes—L.M.J. Melis 
- Hydraulics of shotcrete lined tunnels(vis a vis other linings)—
J. Metcalf 



2-3 March 2009

BACKGROUND

The quality of in place shotcrete is very largely dependent on the skill of the shotcrete nozzleleman. With growing use being made of shotcrete both for surface structures as well as underground works a number of overseas countries have established shotcrete nozzleleman certification and qualification schemes.

SANCOT feels the time has come to institute such a programme in Southern Africa. One of the themes of the symposium is to explore the merits and implications of this proposal.

Sponsorship of the symposium is being led by the International Tunnelling & Underground Space Association (ITA). Speakers from the ITA will present papers on the work of the ITA and its Working Group 12 'Shotcrete'. This will include a review of nozzleleman accreditation schemes being used in other parts of the world. The programme currently in place in North America and Europe will be described in detail.

On the second day a group of invited speakers will present state of the art and case history papers covering shotcrete work being carried out in South Africa in both the civil engineering and mining industries.

THE CONFERENCE WILL BE OF VALUE TO:

- Anyone interested in current international shotcreting practice on topics such as nozzleleman accreditation, 'wet' and robotic shotcreting, specifications, durability and curing, materials selection and testing
- Project Managers
- Research and development personnel
- Academic personnel and student
- Technology providers and engineering firms for engineering solutions
- Equipment and system providers

ORGANISING COMMITTEE:

A. Boniface, Chairman, GIBB

J.A. Cruise, SAIMM

M. Lebisa, GOBA

T.R. Stacey, University of the Witwatersrand

Shotcrete for Africa

Misty Hills Conference Centre, Cradle of Mankind

2-3 March 2009

REGISTRATION FORM

SHOTCRETE FOR AFRICA

2-3 March 2009 · No cancellations will be accepted after 25 February 2009

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ARE YOU A PRESENTING AUTHOR:

Please note: Non-members are entitled to free membership of the SAIMM, up to 30 June 2009, for attending this symposium

REGISTRATION FEES: Prepayment is required for all Registration Fees before the date of this event, PROOF OF PAYMENT 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 symposium.

SAIMM MEMBER STUDENT COMPANY AFFILIATE MEMBERSHIP NO.....
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EARLY BIRD REGISTRATION (BEFORE 31 JANUARY 2009)

SAIMM MEMBER/COMPANY AFFILIATE: R6 000.00 NON-MEMBER: R7 000.00 STUDENT / RETIRED MEMBER: R2 000.00

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SAIMM MEMBER/COMPANY AFFILIATE: R6 500.00 NON-MEMBER: R7 500.00 STUDENT / RETIRED MEMBER: R2 500.00

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KINDLY NOTE:

If replacements are made delegates are asked to advise the SAIMM Secretariat.
Company Affiliates are allowed to send two non-members at the member rate.
Cheques must be made payable to The Southern African Institute of Mining and Metallurgy.
No telephone bookings will be accepted. No cancellations will be accepted after the closing date.
VAT invoices will be issued to all delegates. Delegates requiring accommodation must make their own arrangements.
Due to the delay in the postal system it is advisable to fax or e-mail through the registration form before posting.

Our banking details are:
Bank: Standard Bank
Branch: Johannesburg
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