

The Southern African Institute of Mining and Metallurgy
in collaboration with The Zululand Branch are organising

The Tenth International

HEAVY MINERALS CONFERENCE

'Expanding the horizon'

HMC
2016
HEAVY MINERALS 2016

Register 4
delegates and
get the 5th
registration
free

16–17 August 2016—Conference
18 August 2016—Technical Visit

Sun City, South Africa

KEYNOTE SPEAKERS

J. Beukes, *Tronox*
J. Elder, *Hatch*
V. Hugo, *Iluka*
M. Rossouw, *Eskom*
C. Steenkamp, *Samancor*

CONFERENCE THEME

The series of heavy minerals conferences has traditionally focused on the industries associated with ilmenite, rutile and zircon. There are many other economic minerals which have specific gravities such that they may also be classed as 'heavy minerals'. The physical and chemical properties of these other minerals results in them being processed by similar technologies and sharing similar markets to the more traditional heavy minerals. In this conference we continue to examine the mining, processing and usage of the traditional heavy minerals but also 'expand our horizons' to include other valuable minerals.

CONFERENCE OBJECTIVE

This Conference series was started in 1997 and has run every second year since that date. The Conference alternates between South Africa and other heavy mineral producing countries. It will provide a forum for an exchange of knowledge in all aspects from exploration through processing and product applications.

This is a strictly technical conference and efforts by the organizing committee are aimed at preserving this technical nature. The benefit of this focus is that it allows the operators of businesses within this sector to discuss topics not normally covered in such forums. The focus on heavy minerals includes the more obvious minerals such as ilmenite, rutile and zircon; and in addition also covers other heavy minerals such as garnet, andalucite, sillimanite, and chromite.

ABOUT THE VENUE

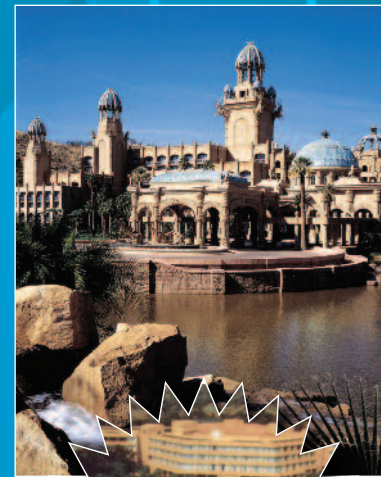
Nestled in the rolling hills of the Pilanesberg, one of South Africa's most scenic locations, Sun City is a world unto itself and has earned its reputation as Africa's Kingdom of Pleasure.

Finally re-discovered and now part of Sun City, the Lost City and the Valley of Waves, fabled to be the Ruins of a glorious ancient civilisation, celebrate and bring to life the legends of this mystical city.

The Lost City is internationally applauded for its wonderfully imaginative theme and exquisite landscaping whilst the fantastic Valley of Waves is one of the world's most exciting waterparks.

WHO SHOULD ATTEND

- Academics
- Business development managers
- Concentrator managers
- Consultants
- Engineers
- Exploration managers
- Geologists
- Hydrogeologists
- Innovation managers
- Mechanical engineers
- Metallurgical managers
- Metallurgical consultants
- Metallurgists
- Mine managers
- Mining engineers
- New business development managers
- Planning managers
- Process engineers
- Product developers
- Production managers
- Project managers
- Pyrometallurgists
- Researchers
- Scientists



*Conference
Announcement*

Sponsors



SAIMM
THE SOUTHERN AFRICAN INSTITUTE
OF MINING AND METALLURGY

Camielah Jardine, Conference Co-ordinator

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E-mail: camielah@saimm.co.za

Call for Papers

CALL FOR PAPERS

Papers are invited on any aspect relating to the Conference, and the following categories will be given preference:

Exploration and Geology

- Geophysical methods
- Drilling techniques
- New heavy mineral projects
- Unusual mineralogy

Mining and Minerals processing

- Mining methods- conventional and dredging
- Fines handling systems
- Magnetic and gravity separation techniques
- Electrostatic separation techniques

Downstream beneficiation

- AC or DC for smelting furnaces
- Power shortages and furnace operation
- Ferrochrome

Product Applications

- Loss of market due to substitution
- Impact of low prices on the industry
- Effect of radiation on marketing of heavy minerals
- Commercialisation of rare earth containing waste streams

Chrome

- Beneficiation of ultra-fine chrome
- Chrome refractories

Other issues

- Energy supply and costs
- Managing radiation in the work place
- Supply of skills
- Getting community acceptance of new mining projects
- Managing operations to facilitate mine closure
- Water, the life source of minerals processing
- Technology

Prospective authors are invited to submit titles and abstracts of their papers, in **English**, and to indicate the topic under which the paper should be categorised. The abstracts should be no longer than 500 words and should be submitted to:

Conference Co-Ordinator, Camielah Jardine
'Heavy Minerals Conference'
SAIMM, P.O. Box 61127, Marshalltown 2107
South Africa.

Tel: 27 (11) 834-1273/7

Facsimile 27 (11) 838-5923 or

e-mail: camielah@saimm.co.za

KEY DATES

18 March 2016	Submission of abstracts
25 March 2016	Acceptance of abstracts
25 April 2016	Submission of papers
16-17 August 2016	Conference
18 August 2016	Technical Visit

The Southern African Institute of Mining and Metallurgy Heavy Minerals Conference 2016

P.O. Box 61127, Marshalltown, 2107, Tel: 27 11 834-1273/7

THE DETAILS OF THIS FORM CAN BE POSTED TO US, or E-MAILED camielah@saimm.co.za or
FAXED TO: 27 11 838-5923 / 833-8156

- I am interested in attending the Heavy Minerals Conference 2016
- I may be interested in participating in a technical visit
- I intend to submit an abstract of the proposed paper entitled:

Title of paper:

Personal Details: Name

Address

Tel: Fax:

E.mail: