



# Southern African Pyrometallurgy 2011 International Conference Pyro 2011

6–9 March 2011 • Cradle of Humankind, South Africa



A special feature of this conference is the inclusion of a one-day (Monday 7 March) short course on slag models presented by Ken Mills from Imperial College in London. It is planned to incorporate his selection of models into a software package that will be made available to conference delegates.

## EXHIBITION/SPONSORSHIP

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

### For further information contact:

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## BACKGROUND

The SAIMM Pyro 2011 conference is envisaged as an international conference on pyrometallurgy with a Southern African flavour. The event will provide a showcase for Southern African pyrometallurgical operations and will provide a forum for the exchange of ideas between people from various types of smelters.

Building on the successful Pyro 2006 conference, papers have been obtained from a number of Southern African pyrometallurgical plants. These papers will include a description and some history of the operations, and include some highlights of current work. These descriptions of plant operations will be published as a reference that will provide very useful information for metallurgists entering the field. These papers will also be published on the Pyrometallurgy in Southern Africa website where they can be updated as and when required. The conference covers a wide spectrum of activities within the field of pyrometallurgy. Some contributions are also included from universities, research organisations, and engineering companies, so that the full spectrum of pyrometallurgical activities can be covered. International participation is strongly encouraged, with some broad overview papers dealing with international trends to be presented by experts in various topical technologies and commodities.

## VENUE

The conference will take place in the 'Cradle of Humankind' world heritage area, about 40 km from Johannesburg. This keeps the conference within easy reach of the city and yet far enough out into the countryside to allow people to focus on the conference. It is also within easy reach of many of the pyrometallurgical plants for those people who would like to participate in post-conference visits.

There is a particular significance to the choice of location, in that the Swartkrans area close to the Sterkfontein Caves is the site of the earliest evidence of the deliberate controlled use of fire by humans (about 1.3 million years ago), and this is obviously a necessary precursor to pyrometallurgy. The area also lends itself to a very wide range of outdoor, social, and cultural activities to supplement the technical content of the programme.

## CONFERENCE DATES

The conference is planned to run from 6-9 March 2011, with an introductory social function planned for the Sunday afternoon preceding the three-day conference. Post-conference plant visits may be arranged for those interested.

## ECSA POINTS

Of significance to South African participants who are registered professional engineers, is the fact that this conference will provide points towards the Continuing Professional Development that is required (as of 1 January 2006) to maintain registration with the Engineering Council of South Africa.

## CALL FOR PAPERS

Prospective authors are invited to submit titles of their proposed papers, in English, as soon as possible.

*Announcement  
and  
Call for Papers*

Please consult the website for further information:  
<http://www.pyrometallurgy.co.za/Pyro2011/>