



WORLD GOLD 2007

By and Co-Products and the Environment

Cairns, Australia, 22 – 24 October 2007

CALL FOR PAPERS

The Australasian Institute of Mining and Metallurgy (AusIMM), The Canadian Institute of Mining, Metallurgy and Petroleum (CIM) and the South African Institute of Mining and Metallurgy (SAIMM) have agreed to join forces to hold a World Gold Conference every two years. The conference will be held on a rotation basis between the three organisations and in 2007 it will be held in Australia and hosted by The AusIMM.

Some important aspects of the current mining environment will provide opportunities and threats for the industry in the foreseeable future and they include:

- All-time high non-gold metal prices presents opportunities for By and Co-products from gold operations
- Minimal exploration success for the last 10 years and little immediate prospect for revolutionary success is leading to revisiting known "old" (sub-marginal) deposits
- Lower precious metal content
- Increasing refractoriness
- Higher grinding costs

These key issues will be reflected in World Gold 2007, as they will require greater focus on best practice in Social and Environmental Sustainability, Mine Economic Sustainability and Technical Sustainability. Papers are therefore called for under the following themes.

Main themes:

■ Social & Environmental Sustainability

- Environmental opportunities
- Cleaner wastes & storage
- Alternative waste storage and management systems
- Community opportunities arising from improved metal contributions

■ Mine Economic Sustainability

- Technological developments to reduce mining costs and health and safety issues
- Effect of reserves and grades on mining and processing strategies
- Current health and safety issues
- Activities in various aspects of mining: rock mechanics, ventilation, back filling
- Fuel cells in mining practice

■ Technical Sustainability

- Applied mineralogy and surface analysis to assist in improving processing
- Reduction of comminution costs and improvement in classification efficiency
- Advantages in using recovery of gold by gravity prior to leaching
- Efforts in the development of alternative lixiviants
- Use of ion exchange resins in cyanidation plants
- Impact of preg-robbing in cyanidation practice
- New operations and new applications in the treatments of refractory gold ores
- Improvements of cyanidation to increase metal recovery, reduce reagents addition and toxicity of effluents
- Plant automation
- Practical applications of modelling to reduce processing costs
- Improvement in leaching of refractory gold minerals and silver minerals.

Accepted papers will be subject to peer review. All accepted papers will be published and presented at the conference. Authors are required to register for the conference to present their papers. The language of the conference will be English.

19 January 2007 – Final Date for Submission of Abstracts

We invite you to email an abstract not exceeding 300 words in English, to:

Kristy Pocock, Publications Coordinator

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Facsimile: +61 3 9662 3662

Email: kpocock@ausimm.com.au

Gold Sponsors


NEWMONT

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Hosted by The Australasian Institute of Mining and Metallurgy in conjunction with the Canadian Institute of Mining, Metallurgy and Petroleum and the South African Institute of Mining and Metallurgy.


AusIMM
AUSTRALASIAN INSTITUTE OF MINING & METALLURGY


The South African Institute of Mining and Metallurgy


CIM
ICM

For further information, including Sponsorship and Exhibition, please contact:

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The AusIMM

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www.ausimm.com



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GOLD PROCESSING COURSE

Current and emerging technologies and their practical application in gold processing
20 – 21 October 2007

CONTENT: The 2-day course will provide attendees with a refresher course on current unit operations in the gold processing flowsheet plus an update on emerging technologies and their likely integration into existing and proposed gold plants. Participants will have the opportunity to discuss their plant practices and problems. Speakers will also cover sustainability and environmental issues such as cyanide usage and waste management.

COURSE OUTLINE:

Mineralogy of gold
Comminution and flotation
Gravity separation and recovery
Cyanidation
CIP/RIP, elution and gold recovery
Non-cyanide lixiviants
Pressure leaching, roasting and bio-oxidation
Effluents treatment
University
Cyanide code

Rolando Lastra, CANMET
Rob Dunne, Newmont
Sand Gray, Gekko Systems
Guy Deschênes, CANMET
Bill Staunton, Parker Centre
Mark Aylmore, Barrick Gold
John Pekrul, Barrick Goldstrike

Leon Lorenzen, Stellenbosch

Tom Gibbons, AngloGold Ashanti

WHO SHOULD ATTEND: The workshop is designed to provide practising metallurgists with fundamental knowledge and examples of plant practice to assist in the optimization of gold processing circuits and meeting environmental targets. Plant metallurgists, senior metallurgists, consultants and design engineers who wish to further their knowledge on current and future developments in gold processing should attend.

LOCATION AND TIME: The course will be held at the Cairns International Hotel on Saturday and Sunday October 20 and 21, 2007, finishing in time for registration for World Gold 2007. Conference Address: 17 Abbott Street, Cairns, Queensland, 4870 Australia

REGISTRATION: Please go to the AusIMM website for detailed instructions on how to register (<http://www.ausimm.com/gold2007/workshops.asp>). Registration fees are AUD\$1200 for conference delegates, AUD\$1400 for others. Bona fide students can attend for AUD\$500. Please add 10% GST to all fees.

FOR ANY FURTHER INFORMATION CONTACT:

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Parker Centre



MURDOCH
UNIVERSITY
PERTH, WESTERN AUSTRALIA



Natural Resources
Canada

Ressources naturelles
Canada

The Conference

Following the successful conference on "Treatment of Gold Ores", held as part of the 44th Annual Conference of Metallurgists in Calgary, Canada in 2005, The Australasian Institute of Mining and Metallurgy (AusIMM), The Canadian Institute of Mining, Metallurgy and Petroleum (CIM) and the South African Institute of Mining and Metallurgy (SAIMM) have agreed to join forces to hold a World Gold Conference every two years.

The Conference will be held on a rotation basis between the three organisations. The next Conference in 2007, will be held in Australia under the auspices of The AusIMM, with the third in the series being held in South Africa in 2009. The cycle will then commence again in Canada.

The format will be expanded for the 2007 Conference to be held in Cairns, Australia and include Mining, Metallurgy and Geology related themes. To coordinate the contributions from the participating countries a team, comprising one representative from each country in each discipline, will be responsible for the program, call for papers, inviting and selecting of speakers from the three countries, to ensure a truly international event.

World Gold 2007 Organising Committee

- Paul J Dowd, Conference Chair
- Dr Jim Avraamides
- Dr Guy Deschenes
- Professor Leon Lorenzen
- Mr Serge Major
- Dr John Rumball

WWW.AUSIMM.COM

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CONFERENCE VENUE

CAIRNS INTERNATIONAL HOTEL

Address:
17 Abbott Street (PO Box 934)
Cairns, Queensland, 4870, Australia
Phone: +61 (0) 7 4031 1300
Facsimile: +61 (0) 7 4031 1801
Email: info@cairnsinternational.com.au
Web: <http://www.cairnsinternational.com.au>



THE CITY OF CAIRNS

Located by the sea it boasts a good balance of laid back tropical lifestyle and the excitement of a major tourist destination with lots to see and do. There is an excellent range of shopping and dining and it is an easy city to spend a casual day or two exploring. There are literally hundreds of day touring options and tourists are very well catered for. For those who enjoy some night life there are numerous bars and nightclubs to keep you entertained. Many people use Cairns as their base to branch out and explore the rest of North Queensland. The international airport is only about 6km from the heart of town.

GOLD WORKSHOP

Gold deposits: Geology, New Developments and Exploration.
20 – 21 October 2007

The Society of Economic Geologists will present a workshop on "Gold deposits: Geology, New Developments, and Exploration" as a two-day course prior to World Gold 2007. The course is similar to those previously presented in Moscow, Beijing, and Chile.

Speakers will include Richard Goldfarb (U.S. Geological Survey)--Orogenic gold deposits, Craig Hart (Centre for Exploration Targeting, U. of Western Australia)--Intrusion-related gold systems, Noel White (consultant, Brisbane)--Epithermal gold deposits, and Steve Garwin (ex-Newmont, now Geoinformatics Exploration, Perth)--Carlin-type gold deposits.

Materials presented will be rich in geological descriptions of some of the world's best examples of these deposit-types, and include sections on tectonic- and structural-settings, geochemical and geophysical signatures, and exploration methods. This workshop will be of interest to all geologists, particularly those involved in the exploration for gold resources.

FOR ANY FURTHER INFORMATION CONTACT:

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GEOSTATISTICS WORKSHOP

A Workshop on Practical Geostatistics for Mining Applications.
21 October 2007



DETAILS COMING SOON!

TECHNICAL TOUR

Cadia Valley Operations, Newcrest Mining Limited
25 – 26 October 2007



Cadia Valley Operations is the largest gold and copper producer in New South Wales and one of Australia's largest gold producers. The operations comprise a large low grade Cadia Hill open pit mine and the higher grade Ridgeway underground mine. The two concentrators are located adjacent to each other and share a number of infrastructure facilities and services. This enables the two concentrators to be efficiently operated as a single complex.

TOUR ITINERARY COMING SOON!