



Gold 2003 Vancouver, Canada

28 September – 1 October 2003

Co-organisers:
World Gold Council
Canadian Institute of Mining,
Metallurgy & Petroleum

Sponsor:



International Conference Update

Patrons

Prof Geoffrey Bond, University of Salford, UK
Dr Masatake Haruta, Research Institute for Green
Technology, AIST, Japan
Prof Hubert Schmidbaur, Technical University of
Munich, Germany

The field of gold science and technology is currently undergoing an exciting period of discovery. Many scientists and technologists in academia and industry have expressed the need for a forum where they can come together to learn of and discuss the latest advances, with the overall objective of encouraging important new industrial applications for gold.

World Gold Council and The Canadian Institute of Mining, Metallurgy and Petroleum (CIM) are pleased, therefore, to announce their joint organisation of the international conference on the science, technology and industrial applications of gold, which will be held in Vancouver during 28 September – 1 October 2003.

ORIENTATION WORKSHOPS

Keynote talks will be:

- Professor Graham Hutchings, Cardiff UK, 'New Direction in Gold Catalysis'
Professor Hubert Schmidbaur, Munich, Germany, 'Fundamental Knowledge in Gold Chemistry: Sound Basis for Multidisciplinary Development'
Professor Michael Cortie, Sydney, Australia, 'The Weird World of Nanoscale'
Dr Christopher Corti & Dr Richard Holliday, 'Commercial Aspects of Gold Applications'

PLENARY KEYNOTES

Keynote talks confirmed to date include:

1. Dr Masatake Haruta, Tsukuba, Japan, 'Gold as a Novel Catalyst in the 21st Century: Preparation, Working Mechanism and Applications'
2. Professor Hajo Freund, Berlin, Germany, 'Surface Chemistry of Catalysis by Gold'
3. Professor Stephen Hashmi, Stuttgart, Germany, 'Homogeneous Catalysis by Gold'
4. Professor Declan Burke, Cork, Ireland, 'Scope for New Applications for Gold Arising from the Electrocatalytic Behaviour of its Metastable Surface States'
5. Professor Pekka Pyykko, Helsinki, Finland, 'Gold, Relativity and Nanosized Systems'
6. Professor Alan Balch, University of California, USA, 'Luminescence from Gold Complexes'
7. Dr Yutaka Okinaka, Waseda, Japan and ex AT&T Bell Labs, USA, 'Some Recent Developments in Non-Cyanide Gold Plating'

Programme Update

At the closing date for abstracts, over 135 abstracts had been submitted. These were all of a high quality and this augurs well for a top class conference. Gold catalysis features strongly amongst the abstracts. Submissions have been received from over 22 countries and from all continents. Decisions for acceptance of oral presentations and posters will be notified to authors by the end of March.

At this stage, it is envisaged that, in order to accommodate the many oral presentations selected,

there will be four parallel sessions to the conference. These will embrace the four topic areas within a multidisciplinary approach: Catalysis (under the title 'Catalytic Gold', used at the Cape Town conference), Chemistry, Materials and Nanotechnology.

In addition to the presentations, a poster session, an Open Forum discussion on specific topics and a concluding Summary of the Conference, drawing together key highlights, issues and directions, will be included in the programme.

Among the posters within the exhibition area, there will be stands and posters featuring World Gold Council's activities including Gold Bulletin, the G.R.O.W. programme and Gold Reference Catalysts as well other major R & D initiatives in gold science and technology.

The provisional programme will be published on the conference website, www.gold2003.org, in due course.

Student posters

In order to encourage students, particularly those currently

undertaking gold research, it is planned to keep offers of abstracts for posters open until August 2003, so that those students who would like to present their 'latest results' are encouraged to present and benefit from interaction with other attendees. Such abstracts for posters may continue to be submitted via the conference website.

Details of special student rates and accommodation will be posted on the website shortly.

8. Dr Tim Ellis, Kulicke and Soffa Industries, USA, The Future of Gold in Electronics'
9. Professor Naomi Halas, Houston, USA, 'The Remarkable Optical Properties of Gold Nanoshells'
10. Dr Bruce Cornell, Ambri Ltd, Australia, 'Novel Time Diagnostic Device Based on a Biomimetic Membrane Tethered to a Gold Surface'

Topics of keynote talks to be confirmed, include:

- 'Catalyst Requirements for Automotive Pollution Control'
- 'Gold Nanotechnology for New Materials Applications'
- 'Helical Gold Nanotubes'

In addition to keynote talks and orientation workshops, presenting organisations confirmed to date include:

University of Technology Sydney, Australia
 University of Western Australia
 Anormed, Canada
 University of Western Ontario, Canada
 Kunming Institute of Precious Metals, China
 FEM, Germany
 OMG Galvanotechnik, Germany
 University of Hong Kong, Hong Kong
 Mitsubishi Materials, Japan
 Tanaka KKK, Japan
 Tokyo Institute of Technology, Japan
 University of Tokyo, Japan
 Mintek, South Africa
 University of Cape Town, South Africa
 University of Zaragoza, Spain
 Johnson Matthey, UK
 University of Liverpool, UK
 Eastman Kodak, USA
 Georgia Institute of Technology, USA
 Northwestern University, USA
 Iowa State University, USA
 Rice University, USA
 Texas A&M University, USA

Venue

Vancouver is the venue for the **Gold 2003** conference. The Conference hotel is the Westin Bayshore Resort and Marina, Vancouver, nestled on the shores of Coal Harbour and overlooking the third largest city park in North America – the 1,000 acre Stanley Park – with the breathtaking Coastal Mountains beyond. This excellent location provides direct access to Vancouver's most popular business, shopping and entertainment districts. This award winning hotel and new Conference Centre offers superb facilities for an international conference and provides for excellent accommodation.

Key dates

Notice for acceptance of abstracts **Mar 31 2003**
 Camera-ready papers from authors **August 1 2003**

Website

Full information on the conference can be found on the conference website at **www.gold2003.org**

Proceedings

Proceedings will be published as a separate CD-Rom, included within the conference fee.

Students

Special student rates for conference attendance will be announced on the website shortly.

Registration

Full registration information, including conference fees and hotel accommodation, will be posted on the conference website, www.gold2003.org shortly. Details of accompanying persons tours will also be listed.

Early registration before 31st July will attract discount registration fee.

Questions regarding the conference technical programme should be addressed to:

Technical Programme Co-ordinator
Gold 2003
International Technology
World Gold Council
45 Pall Mall, London
SW1Y 5JG
UK.
Fax: +44 20 7839 6561
Email: gold2003@gold.org

Please send me full programme and registration information

I am interested in the following session(s) – tick all those that apply

Catalysis Chemistry Materials Nanotechnology

I intend to submit an abstract for poster presentation

I intend to participate as a delegate only

My spouse/partner is likely to attend with me

Title _____ First name _____

Last name _____

Position _____

Organisation _____

Address _____

City _____

Postal/zip code _____ Country _____

Tel _____

Fax _____

Email _____

Send to:

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