

PROGRAMME

TUESDAY 17 APRIL

05.00

Sishen Iron Ore Mine visit

Transport leaves from hotels. Time to be confirmed. Arrange breakfast pack with hotel. Journey from Johannesburg by private jet. Cars can be left at the hangar by special arrangement. Return to Gold Reef City by 16.30. Numbers limited. Must book in advance with conference organizer. Cost: R300. Visit sponsored by Kumba Iron Ore (Anglo American) and led by Mr David Cooper (Lima Rural Development Foundation).

05.30

Carltonville gold mine visit

Transport leaves from hotels. Time to be confirmed. Arrange breakfast pack with hotel. Journey from Johannesburg by coach. Return to Gold Reef City by 16.15. Limited numbers. Must book in advance with conference organizer. Cost: R300. Visit sponsored by National Union of Mineworkers and led by Mr Paul Stewart (University of the Witwatersrand).

12.00

Johannesburg mining tour

Starts from Gold Reef City only. Transport leaves from Theme Park Hotel car park. Lunch pack provided. Involves coach ride and short walks. Return to Gold Reef City by 16.00. Must book in advance with conference organizer. Cost R300. Led by Ms Sally Roper (Buckingham Guest House).

16.45

Opening ceremony

Venue: Prospectors

Joint chairs: Dr Xolani Mkhwanazi (President, Chamber of Mines) and Mr Piet Matosa (Deputy President, National Union of Mineworkers)

Welcome: Mr Parks Tau (Mayor, City of Johannesburg)

Opening: **Mr Kgalema Motlanthe** (Deputy President, Republic of South Africa)

Introduction: Prof. Roger Burt (University of Exeter)

Thanks: Prof. Peter Alexander (University of Johannesburg)

17.45

Keynote Lecture 1

Venue: Prospectors

Joint chairs: Mr Piet Matosa (Deputy President, National Union of Mineworkers) and Dr Xolani Mkhwanazi (President, Chamber of Mines)

Prof. Stefan Berger (Ruhr University)

The ten most important dates in mining history

19.00

Cocktail supper

WEDNESDAY 18 APRIL

09.00

Plenary 1

Mining, the Environment and the Future of Humanity

Venue: Prospectors

Chair: Dr. Marcelle C. Dawson (University of Johannesburg)

Prof. Timothy LeCain (Montana State University)

Making minerals matter: environment, technology, and the new mining history

Prof. Kuntala Lahiri-Dutt (Australian National University)

Mining, nature and society: a new feminist perspective

Prof. Terence McCarthy (University of the Witwatersrand).

The impact of mining on water quality on the Highveld

10.45

Break

11.15

Parallel Sessions 1

A. Early History of South African Mining

Venue: Prospectors

Chair: Prof. Bill Freund (University of KwaZulu Natal)

Prof. Ian Phimister (University of Sheffield)

Shares, shafts and scoundrels: the early financial history of the Witwatersrand gold mining industry

Mr Charles Robus (Sheba Historical Society)

Sheba gold mine, South Africa: 1885-2012

Prof. Carl R Anhaeusser (University of Witwatersrand)

The history of mining in the Barberton greenstone belt

Prof. Bruce Cairncross (University of Johannesburg)

Okiep copper district, Namaqualand: Europeans' earliest mining efforts in South Africa.

B. Small Scale Mining 1

Venue: JSE

Chair: Ms Patience Mususu (University of Cape Town)

Prof. Ben Naanen (University of Port Harcourt)

Private gain, community loss: economic and environmental arguments about illegal oil bunkering and artisanal refining in Nigeria

Mr Nicolaas Steenkamp (TWP projects)

The impact of illegal miners at historic gold mine

Dr Togbiga Dzivenu (University of Development Studies)

locations, Giyani greenstone belt, South Africa
Small-scale mining and sustainable rural livelihoods: Ghana's experience

C. Women in Mining

Venue: Auctioneers

Chair: Prof. Timothy LeCain (Montana State University)

Dr Nesar Ahmad (Budget Analysis Rajasthan Centre)

Dr Jeannette McGill (CSIR Centre for Mining Innovation)

Ms Asanda Benya (University of the Witwatersrand)

Pushed to the margin: women workers in the Indian coal mining industry

The history of women in South African mining: facts and figures

Women in mining: reproducing labour in mines

D. Mining and the Environment

Venue: Barnatos

Chair: Dr Mucha Museumwa (University of the Witwatersrand)

Mr Robert. G. McCandless (retired)

Dr Jain Manish and Dr Paul Biswajit (Indian School of Mines, Dhanbad)

Dr M.I. Al-Wabel and Dr A.S. Al-Farraj (King Saud University)

Prof. Morris Viljoen (University of the Witwatersrand)

Forensic history: ending pollution at Canada's Britannia Mine

Assessment of status of underground fire around a coke plant in Jharia Coalfields, India

Standards for assessment of soil contaminated by heavy metals, Saudi Arabia

Environmental impacts after 124 years of mining on the Witwatersrand goldfields of the Egoli region

12.45

Lunch

13.45

Parallel Sessions 2

A. US Engineers

Venue: Prospectors

Chair: Prof. Chris Wrigley (University of Nottingham)

Prof. Keith Breckenridge (University of the Witwatersrand)

Prof. Jeremy Mouat (University of Alberta)

Dr Morley Nkosi (Chamber of Mines)

Made in America: California mining engineers and the making of South African corporations

Herbert Hoover and the Burma mines

American Mining Engineers in the Kimberley and Witwatersrand mines, circa the turn of the 20th century

B. Recreation and Mining

Venue: Auctioneers

Chair: Dr Martin Critchley (Mining Heritage Trust of Ireland)

Prof. Peter Alexander (University of Johannesburg)

Dr Emma Sandon (University of London)

Mine dancing in South Africa: contestation and aesthetics in working-class culture

Mining history and Mining film archive

Ms Jeannette Unite (University of Cape Town)

Paradox of plenty: artists' visual response to the mining industrial landscape

C. Mine Decline

Venue: Barnatos

Chair: Prof. Roger Burt (University of Exeter)

Mr N.L Baartjes and Dr. K.G. Gounden (Eco Partners)

Mr Markus Reichardt (University of the Witwatersrand)

Causes of mine decline in South Africa

A history of mine wastes rehabilitation techniques in South Africa: a multi-disciplinary survey of rehabilitation techniques and the non-scientific drivers for their implementation, 1950s to 1991
Mine decline and mine survival: preserving a record of the past at Sheba Museum

Mr Chris Rippon (Sheba Historical Society)

D. Small Scale Mining 2

Venue: JSE

Chair: Mr Emmanuel Ababio Oforu-Mensah (University of Ghana)

Ms Rachel Perks (University of Reading)

Ms Patience Mususa (University of Cape Town)

Digging into the past: Rwanda's pursuit for a domestic mineral economy

A new broom sweeps Zambia: implications for the informal copper business

15.00

Break

15.30

Parallel Sessions 3

A. Mining Memoirs: Gold

Venue: Barnatos

Chair: Paul F. Stewart (University of the Witwatersrand)

Mine workers from Carltonville, including: Mr Patrick Mphandwe, Mr Paul Ncwane, Mrs MaThabo Motloua, Mr James Mhlophi, Mr Tshepo Zondi, Mr Makatini Nkotswana, Mr Luke Mathebula, Mr Moses Xaba and Mr Alfred Jozini. Also Dr Dhiraj K, Nite (University of Johannesburg) and Mr Bongani Xeswi (University of Johannesburg)

Voices from the gold mines. See *Mining Faces*

B. Social Responsibility and Community Development

Venue: Auctioneers

Chair: Prof. Pavithra Naranayan (Washington State University)

Mr J.C. Baartjes and Mr N.L. Baartjes (Eco Partners)

Mr John K. Filitz (School of Development Studies, University of KwaZulu Natal)

Mr David Cooper (Lima Rural Development

Mineral-based rural development in South Africa

Mining for development? A socio-ecological study on the Witbank coalfield

Community development and the South African

Foundation)

mining industry: a balance sheet

C. South Africa's Mining Industry

Venue: Prospectors

Chair: Ms Jeanette Hofsjager-van Wyk (Chamber of Mines)

Mr Madoda Sambatha (National Union of Mineworkers)

Mr Paseka Leeuw (University of the Witwatersrand)

Mr Mongezi Vetu (Chamber of Mines)

The Role of NUM in transforming the mining industry

The Mineral-based research model for South Africa

Sustainable development evolution in the South African mining industry: the case of Exxaro resources

Mr Peter R. Janisch (South African Institute of Mining and Metallurgy)

100 years of mining technology development in South Africa, as recorded in the Journal of the South African Institute of Mining and Metallurgy 1894-1994

D. Developing Mining History: Lessons from Around the World

Venue: JSE

Chair: Prof. Phil Bonner

A panel discussion including: Prof, Roger Burt (University of Exeter), Prof. Alma Parra (National Institute of Anthropology and History, Mexico), and Prof. Jeremy Mouat (University of Alberta).

16.45

Transport leaves for Carltonville

Venue: Theme Park Hotel car park

18.30

Braai and entertainment on Carltonville mine

21.00

Transport leaves from Carltonville

22.30

Arrival back in Johannesburg

THURSDAY 19 APRIL

09.00

Plenary 2

Nationalization, Privatization and Control of Mining: Lessons from the Past

Venue: Prospectors

Chair: Dr Sarah Mosoetsa (University of the Witwatersrand)

Prof. Chris Wrigley (University of Nottingham)

Nationalization and privatization of Britain's coal mines: national advance or private gain?

Prof. Alma Parra (National Institute of Anthropology and History, Mexico)

The role of avant-gard Mexican nationalism in mining and the switch towards privatization

Prof. Bill Freund (University of KwaZulu Natal)

Nationalization as response to exploitation in post-independence Africa

10.45

Break

11.15

Parallel Sessions 4

A. Work, Time and Productivity

Venue: Auctioneers

Chair: Prof. Laurie Mercier (Washington State University)

Mr Paul F. Stewart (University of the Witwatersrand)

'Wages are but the expression of time': the foundational role of labour time in gold mines: 1886-2006

Prof. Dunbar Moodie (Hobart and William Smith Colleges)

Transforming relations of and in production: technology, power, productivity and social interaction in the course of South African gold mining history over the twentieth century

Dr Dhiraj K. Nite (University of Johannesburg)

What happened to work- time? An enquiry into the manufacturing and industrious revolution Jharia coalfields 1890's-1970

B. Geological and Technological Aspects of Mining History

Venue: JSE

Chair: Dr Julie Dixon (Southern African Institute of Mining)

Prof. Morris Viljoen (University of the Witwatersrand)

Geological origins, birth, life and revival of the central Rand goldfield

Prof. Roger Burt (Exeter University)

The best documented industry in the world: databases for mining history

Dr Ken McQueen (University of Canberra)

Early developments in treating pyritic gold ores: the Australian perspective

C. Archeology 1

Venue: Barnatos

Chair: Prof. Shadreck Chirikure (University of Cape Town)

Ms Ann Kritzinger (Zimbabwe Geological Survey)

Laboratory analysis reveals direct evidence of pre-colonial gold recovery in the archaeology of Zimbabwe's Eastern Highlands

Dr Simon Timberlake (University of Cambridge)

Archaeological discoveries of prehistoric mines in Britain

Ms Abigail Moffett (University of Cape Town)

An exploration of specialized metal production in the archaeology and oral history of the Phalaborwa region, Southern Africa

Mr Foreman Bandama (University of Cape Town)

The archaeology of precolonial tin and bronze working in southern Africa

D. Workers' Struggles

Venue: Prospectors

Chair: Rita Ndlhovu (National Union of Mineworkers)

Prof. Elaine Katz (University of the Witwatersrand)

Prof. Phil Bonner (University of the Witwatersrand)

Mr. Eddie Majadibodu (National Union of Mineworkers)

Ms Micah Reddy (University of the Witwatersrand)

Mr Crispin Chinguno (University of the Witwatersrand)

Violence and the 1913 general strike on the Witwatersrand

Migrant or Mobile? White workers on the Witwatersrand Gold Mines 1907 – 1918

The history of black mine workers in South Africa

Tswana mineworkers, industrial unrest and 'worker consciousness' on the platinum mines of Bophuthatswana in the early 1990s

(Dis)order: continuity and change? Explaining variation in strike violence in post apartheid South Africa

12.45

Lunch

13.45

Business Meeting

Venue: Auctioneers

Chair: Prof. Jeremy Mouat (University of Alberta)

All participants invited to attend. Agenda includes selection of venue for the Tenth International Mining History Congress. For additional items contact Prof. Mouat.

14.45

Parallel Sessions 5

A. Economic Entrepreneurs

Venue: Auctioneers

Chair: Prof. Erik Eklund (Monash University)

Prof. Alma Parra (National Institute of Anthropology and History, Mexico)

The rise and demise of British companies and the effects on local mining practices in Guanajuato, 1824-1850

Mr Emmanuel Ababio Ofosu-Mensah (University of Ghana)

Gold mining and the development of Obuasi in Adanse, Ghana

B. Indigenous Land Rights

Venue: Prospectors

Chair: Prof. Ben Naanen (University of Port Harcourt)

Dr Gavin Capps (University of Cape Town)

Victim of its own success? The platinum mining industry and the apartheid mineral property system in South Africa's political transition

Prof. Andrew Manson (North West University, Mafikeng)

Mining and local black communities in the North-West Province, South Africa, c.1995-2010

Prof. Pavithra Naranayan (Washington State University)

This land is mine: Adivasi resistance in Kerala and Chhattisgarh (India) against corporations and governments

Dr Akiwumi Fenda (University of South Florida) Strangers, indigenous land rights and conflict in African mining areas

C. Mining Memoirs: Methodology

Venue: JSE

Chair: Prof. Dunbar Moodie (Hobart and William Smith Colleges)

Researchers: Dr Dhiraj K. Nite (University of Johannesburg) and Mr Paul Stewart (University of the Witwatersrand). Doing oral history, specifically among mine workers in South Africa. See *Mining Faces*

Fieldworkers: Ms Jabulile Msimang (University of Johannesburg) and Mr Bongani Xeswi (University of Johannesburg).

Translators and transcribers: Ms Mukondi Nethavhakone (University of Johannesburg) and Ms Sharon Harmse (University of Johannesburg)

D. Safety 1

Venue: Barnatos

Chair: Dr Sizwe Timothy Phakathi (Chamber of Mines)

Mr N.W. Jackson (Mr N.W Jackson International Management and Mining Consultant) Hartley colliery tragedy

Prof. May Hermanus (University of the Witwatersrand) Regulation of safety, health, environment and stakeholder engagement in Africa's mining industry

Mr Mike Mafuli (National Union of Mineworkers) The NUM and safety on the mines

16.15

Break

16.45

Parallel Sessions 6

A. Gender

Venue: Prospectors

Chair: Dr Nesar Ahmed (Jawaharlal Nehru University)

Prof. Laurie Mercier (Washington State University) Contesting gendered borders and boundaries in western North America Mining unions

Prof. Kuntala Lahiri-Dutt (Australian National University, Australia) Same and equal or different and equal?

Continuing the debate on gender and labour in Indian collieries

B. Community Formation and Politics

Venue: Barnatos

Chair: Prof. R.K. Dube (Indian Institute of Technology)

Dr Sharron P. Schwartz (University of Glamorgan)

The 'light infantry of capital': the migration of miners from south-west Britain to Latin America in the early nineteenth century and the rise of the modern global mining economy

Prof. Erik Eklund (Monash University)

Community formation in Australian mining towns,

Dr Miles Larmer (University of Sheffield)

1880 to 1980
Populist politics amidst mining booms and busts
in post-colonial Zambia

C. Conservation and Heritage

Venue: Auctioneers

Chair: Prof. Stefan Berger (Ruhr University)

Dr Mucha Museumwa (University of the Witwatersrand)

Miner-farmer struggles and the rise of conservation practices In colonial Zimbabwe, 1939-1961

Ms Kathrin Oerters (Ruhr University)

Industrial heritage preservation in the Ruhr region of Germany

Dr Martin Critchley (Mining Heritage Trust of Ireland)

A focus on mining heritage and cultural tourism in Ireland

Prof. Timothy LeCain (Montana State University)

The longhorn and the silkworm: the new historical materialism and the convergence of global enviro-technical landscapes

D. Mining Memoirs: Coal

Venue: JSE

Chair: Dr Dhiraj Nite (University of Johannesburg)

Mine workers from Witbank, including: Ms Juliet Mkhabela, Mr London Mkhonqo, Ms Siphwe Litchfield, Mr Vukile John Boo, Ms Martha Maseko and Mr Philemon Mamujhele. Also, Mr Paul Stewart (University of the Witwatersrand) and Jabulile Msimang (University of Johannesburg)

Voices from the coal mines. See *Mining Faces*

18.15

Transport leaves for banquet

Venue: Theme Park Hotel car park

18.45

Banquet

Venue: Rand Club

Master of ceremonies: Prof. Phil Bonner (University of the Witwatersrand)

Guest speakers: Dr James Motlatsi (Past-president: National Union of Mineworkers, and Executive Chair: TEBA Ltd.) and Mr Bobby Godsell (Past-president: Chamber of Mines, and former CEO: AngloGold Ashanti)

Music: Les Rossignols

22.00

Transport leaves for hotels

FRIDAY 20 APRIL

09.00

Parallel Sessions 7

A. Trade Unions

Venue: Auctioneers

Chair: Dr Miles Larmar (University of Sheffield)

Dr Lewis Mates (Durham University)

Rank-and-file movements and political change in the Durham coalfield, 1910-1914

Dr Wessel Visser (University of Stellenbosch)

Re-visiting the South African Mine Workers' Union – a significant factor of South African mining history

Mr Raphael Botiveau (University of Paris)

Negotiating South Africa's transformation: the case of the National Union of Mineworkers and the mining industry after Apartheid

B. Archeology 2

Venue: Prospectors

Chair: Dr Simon Timberlake (University of Cambridge)

Prof. Shadreck Chirikure (University of Cape Town)

Mining and metallurgy through the ages: Mapungubwe as case study

Prof. Robert Thornton (University of the Witwatersrand)

Pre-colonial mining in Mpumalanga and Limpopo, South Africa: the evidence

Mr Nicolaas Steenkamp (TWP Projects)

Inferred historic gold mining approaches, Giyani greenstone belt, South Africa

Prof. R.K. Dube (Indian Institute of Technology)

Alluvial placer gold mining in India through ages: a historical perspective

C. Safety 2

Venue: Barnatos

Chair: Dr Sharron P. Schwartz (University of Glamorgan)

Dr Sizwe Timothy Phakathi (Chamber of Mines)

'Getting on and getting by': the gold miners' informal working practice of making a plan (PLANISA)

Prof. Ray Durrheim (CSIR)

Rockbursts in South African mines: risks, research, remedies and regulation

Ms Sayuri Moodliar (Uthlanga Environmental Consultants (Pty) Ltd)

The evolution of judicial responses to mineworkers' claims for health damages: a comparative review

D. Is There a Future for Mining History in South Africa? A Discussion

Venue: JSE

Chair: Prof. Peter Alexander (University of Johannesburg)

An open discussion about the future of mining history in South Africa, including museums, preservation, commemoration, archives, research, education, political support and sponsorship, co-operation among interested parties, and developing organization. Contributors will include Prof. Roger Burt

(University of Exeter), Mr Noel Thornton
(Klipriveirsberg Nature Reserve) and Dr Zola
Mtshiza (Museum Africa)

10.30

Break

11.00

Keynote Lecture 2

Venue: Prospectors

Joint chairs: Prof. Phil Bonner (South African Research Chair in Local History, University of the Witwatersrand) and Prof. Peter Alexander (South African Research Chair in Social Change, University of Johannesburg)

Prof. Dunbar Moodie (Hobart and William Smith Colleges) **The history of mining on the Witwatersrand**

12.30

Closing ceremony

Venue: Prospectors

Joint chairs: Prof. Peter Alexander (South African Research Chair in Social Change, University of Johannesburg) and Prof. Phil Bonner (South African Research Chair in Local History, University of the Witwatersrand)

Includes presentation on the Tenth International Mining History Congress and closing comments

13.00

Lunch

14.00

Johannesburg mining tour

Coach ride and short walks. Leaves from Theme Park Hotel car park. Return to Gold Reef City by 18.00. Must book in advance with conference organizer. Cost: R300. Led by Ms Sally Roper (Buckingham Guest House).

14.15

Barberton tour

Transport leaves for Barberton from Theme Park Hotel car park.. Stay two nights in this historic mining town (near Swaziland). Tour includes Sheba, the oldest working gold mine in the world, plus underground visits, panning and museum. Return to Johannesburg about 16.00 on Sunday 22 April. Numbers limited. Must book in advance with conference organizer. Costs R2,500 (including transport and bed and breakfast). Organized by Dr Chris Rippon (Sheba Historical Society) and Ms Astrid Christianson (Barberton Tourism Association).