International Conference on

Mining and Metallurgy

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June 27-28, 2016 , Cape Town, South Africa

Organizing Committee Members


Kalman Kovari
Switzerland


A. Sreeramamurthy
USA


D. Misra
USA


Bingxiang Huang
China


Vasant Kumar
UK


Samir I Abu-Fishah
UAE


K Logachev
Russia

Program at a Glance

Day 1

Morning Sessions	**Reception/Registration**	**08.00-09.00**	
		Time	**General Session**
		09.00-09.15	Inaugural Address
	Least of 3 Keynote/Plenary Talks	09.15-09.45	Keynote/Plenary Talk 1
		09.45-10.15	Keynote/Plenary Talk 2
		10.15-10.45	Keynote/Plenary Talk 3
	Panel Discussions/Group Photo		
	Coffee/Tea Break 10.45-11.00 (Networking)		
	11.00-12.40		5 Speakers (20 Mins Each)
Evening Sessions	**Lunch Break 12.40-13.30**		
	13.30-15.30		6 Speakers (20 Mins Each)
	Coffee/Tea Break 15.30-15.45 (Networking)		
	15.45-17.25		5 Speakers (20 Mins Each)

Day 2

Morning Sessions		**Time**	**Session 1**	**Session 2**
	09.00-10.40		5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
	Coffee/Tea Break 10.40-10.55 (Networking)			
	10.55-12.35		5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
Evening Sessions	**Lunch Break 12.35-13.25**			
	13.25-15.05		**5 Speakers (20 Mins Each)**	**5 Speakers (20 Mins Each)**
	Poster Sessions			
	Coffee/Tea Break 15.05-15.20 (Networking)			
	15.20-17.00		**5 Speakers (20 Mins Each)**	**5 Speakers (20 Mins Each)**

Organizing Committee Forum

Title: Carbon dioxide sequestration using minerals
Vasant Kumar, University of Cambridge, UK

Title: Recent Developments on Deformation Twinning in Metallic Materials
Ankem Sreeramamurthy, University of Maryland, USA

Title:Cavability control by hydraulic fracturing for top coal caving in hard thick coal seams
Bingxiang Huang, China University of Mining and Technology, China

Title: Geomechanical Analysis Of The Longwall Mining In Thick Coal Deposit
Jakob Likar, University of Ljubljana, Slovenia

Title:Thermo mechanical characterization of Thermal Barrier Coatings using microtesting technique
Jakob Likar, University of Ljubljana, Slovenia

Title: Simulation of dust particle flows in systems of dedusting ventilation
Konstantin Logachev, Belgorod State Technological University, Russia

Featured Speakers

Title:Thermo mechanical characterization of Thermal Barrier Coatings using microtesting technique
Amit Pandey, Johns Hopkins University, USA

Title: Atomistic Simulation of Slags in the Molten State
Anton S. Lopis, Centre for High Performance Computing, South Africa

Title: Hydrometallurgical beneficiation of tantalite
Walter Purcell, University of the Free State, South Africa

Title: "Practical" Geometallurgy and Its Role in Mining
Stacey Leichliter, University of Tasmania, USA

Title: Removal of manganese (II) ion from acid mine drainage using zeolite and calcium Bentonite
Busisiwe Nzolo, Tshwane University of Technology, South Africa

Title: In-Plant Demonstration of a Novel Automation System for Coal Spirals
Manoj Mohanty, Southern Illinois University Carbondale, USA

Title: Numerical Modeling and Field Measurements of Ground Movements while Crossing a Geologic Fault in a Longwall Mining Method
Yoginder P. Chugh, Southern Illinois University Carbondale, USA

Title: Assessing the health challenges affecting site welded stainless steel pipe fabrication
Tony Paterson, University of the Witwatersrand, South Africa

Title: Optimization of operating variables for production of ultra-fine talc in stirred mill: specific surface area investigations
Oner Yusuf Toraman, Nigde University, Turkey

Title: Title: Knowledge Based Production Optimization in Open-Pit Mining
Muhammad Asim Qureshi, Curtin University Perth Australia, Australia

Title: Title: An overview of the global supply chain of some strategic minerals
Pedro Bottesi Neto, Micro Minerals Ltd, Brazil

Title: Effect of Zr-Ti combined deoxidation on the microstructure and mechanical properties of high-strength low-alloy steels
Wu Kaiming, Wuhan University of Science and Technology, China

Title: Effect of crystallographic texture on mechanical and anisotropic behavior in HSLA grade-420 steel under various thermomechanical paths
Mohammad Masoumi, Universidade Federal do Ceará , Brazil

Title: Comparision of the effect of high magnetic field and austenite deformation on ferrite transformation in an Fe-C-Mo alloy
Zhang Guohong, Wuhan University of Science and Technology, China

Title: Internal forces in segmental tunnel linings—a comparison between current design methods
Daniel DIAS, Grenoble Alpes University, France

Title: Microstructure characteristic and accompanying impact toughness in YS690MPa steel weld metal for offshore structures
Wan Xiangliang, Wuhan University of Science and Technology, China

Title: Survey of Physico-Mechanicals Properties of Regoliths from Doleritic Gabbros of Evelessi (South Cameroon) For Their Valorization in Road Construction
Wongolo Djombol, University of Yaoundé 1, Cameroon

Title: Cavability control by hydraulic fracturing for top coal caving in hard thick coal seams
Bingxiang Huang, Wuhan University of Science and Technology, China

Title:Effect of metal, intermetallic and ceramic nanoparticles on structure-sensitive and thermophysical properties of Sn-based lead-free solder materials
Yuriy Plevachuk, Lviv University, Ukraine

Title: Substantiation of new reagent modes for gold-sulphide flotation of refractory ores
Tamara Matveyeva, Russian Academy of Sciences, Russia

Title: Physical, Chemical and Mineralogical Characterization of Fluorspar Flotation Tailings
Thembelihle Portia Lubisi, University of Johannesburg, Johannesburg

Title: A study of organic working fluids of an organic Rankine Cycle for solar concentrating power plant
Dennoun SAIFOUI, Hassan II University of Casablanca, Morocco

Title: “AeroSet” software package as a universal tool of mine microclimate conditions forecasting and ventilation system parameters optimization
Artem V. Zaitsev, Russian Academy of Sciences, Russia

Title:Enhancement of mine ventilation energy efficiency based on mathematical methods of airflows and heat distribution forecasting and ventilation system parameters optimization
Lev Yu. Levin, Belgorod State Technological University, Russia

Title:Novel Trends in nanotechnology for Human Health and industrial decontamination
Raad S.Sabry, University of Al-Mustansiriyah, Iraq

Title: Fabrication of Polyaniline/Graphene Oxide Nanocomposites by Liquid/Liquid Interfacial Polymerization methanol gas sensor
Surajit Konwer, Dibrugarh University, India

Title: Study of Different Multiferroic materials for their Magnetoelectric and Magnetodielectric properties
Salunkhe, Karmaveer Bhaurao Patil Mahavidyalaya, India

NOTE: Program Shedule is subject to change with final allotment of the speaker slots

Best Tourist Destinations in South Africa



Addo Elephant National Park



Augrabies Falls



Bathurst



Augrabies Falls



Franschhoek Motor Museum



Blyde River Canyon



Boulders Beach



Bush Babies Monkey Sanctuary



Cango Caves



Gold Reef City



Cape Point Nature Reserve



Durban Beachfront – The Golden Mile



Groot Constantia



Jeffrey's Bay



Maropeng



Lion Park



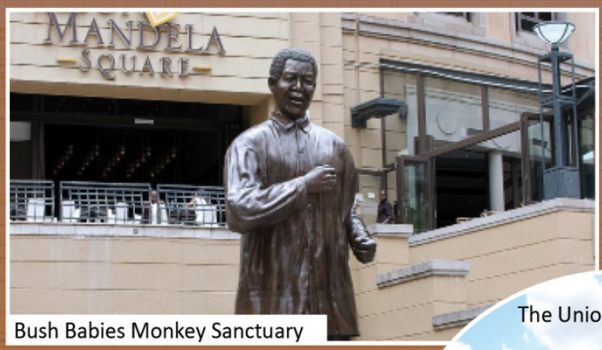
Maropeng



Moses Mabhida Stadium



Namaqualand Flower Route



Bush Babies Monkey Sanctuary



Newtown Cultural Precinct



The Union Buildings



Ostrich Farm, Oudsthoorn



Voortrekker Monument

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