



GMSG Johannesburg Forum 2017

>> COLLABORATION TOWARDS
FUTURE MINING

>> September 20–21, 2017

>> Emperors Palace Hotel Casino Convention Resort
64 Jones Rd., Kempton Park,
Johannesburg



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THE SOUTHERN AFRICAN INSTITUTE
OF MINING AND METALLURGY



DAY ONE

SEPTEMBER 20, 2017

Future Mining Forums provide mining stakeholders an opportunity to learn about new and ongoing GMSG projects and partnerships and begin a conversation on how to match them with the priorities of the region. Join us in Johannesburg to hear presentations and take part in breakout sessions regarding GMSG's latest work in automation, integrated operations, interoperability and underground mining, as well as an introduction on GMSG's work in cyber security and block chain methodology.

>> 08:30

Registration

>> 09:20

GMSG: Collaboration to Build a Strong Future Mining

Mark Bartlett, COO, Flow Partners

>> 9:00

Opening Remarks: Welcome and Objectives of the Forum

Declan Vogt, Director, Centre for Mechanised Mining Systems, University of Witwatersrand

UNDERGROUND MINING INNOVATION

>> 09:40

Communications Infrastructure Implementation Guidelines

GMSG published Documents 1 and 2 in early 2017, will finalize drafts of Documents 3-5 within the next half year. An overview of the available documents and project plan for the final work, with insights into how these will bring value.

Declan Vogt, Director, Centre for Mechanised Mining Systems, University of Witwatersrand

>> 10:00

Battery Electric Vehicles Underground

The Electric Mine: Battery Electric Vehicles Underground Guideline was published in April 2017, and phase 2 work is launching before year-end. A number of mines have committed to going diesel-free, and this technology offers overall electricity savings in many cases.

TBA, from the GMSG Underground Mining Working Group

COFFEE BREAK | 10:30

>> 11:00

Short Interval and Real Time Control

An overview of a new GMSG project, launched in partnership with Canadian Mining Innovation Council and supported by Business Sweden this month.

TBA, from the GMSG Underground Mining Working Group

>> 11:15

Case Study: Underground Mining Innovation

LUNCH | 12:00

>> 1:00

The Open Mining Format

Use cases for open and secure data exchange between mine software packages, and a presentation of the OMF now under development as an open protocol.

Presentation from the GMSG Data Exchange for Mine

Software group

Ian Lawler, Managing Director, Deswik

INTEROPERABILITY

>> 1:30

GMSG Interoperability Working Group: Projects and Update

Mark Bartlett, COO, Flow Partners

>> 2:00

Break Out Session: Interoperability Reference Framework development (contribution and feedback)

COFFEE BREAK | 3:00

>> 3:30

The Open Group's EMMM Models

Roy Irvine, EMMM Forum Director

>> 4:30

Day One Wrap-Up

>> 4:00

Enabling Digital Mining – The Power of GS1

Michele Francis Padayachee, Executive, GS1 South Africa

>> 5:00

Day One Ends



DAY TWO

SEPTEMBER 21, 2017

>> 08:30
Arrival/Registration

>> 9:00
Welcome and Day's Objectives
Declan Vogt, Director, Centre for Mechanised Mining Systems, University of Witwatersrand

AUTONOMOUS MINING

>> 09:20
International Standards Development : Autonomous Mining & Earthmoving
Dr. Chris Doran, Managing Director, Mitacom

>> 09:45
GMSG Autonomous Mining Working Group: Current Projects and Industry-Wide Survey Results
Mark Bartlett, COO, Flow Partners

COFFEE BREAK | 10:00

>> 10:30
Autonomous Mining Break Out session

LUNCH | 12:00

INTEGRATED OPERATIONS

>> 1:00
GMSG Integrated Operations Working Group Projects Update
State-of-play research collaboration; business case template and tools development; reference framework.
Mark Bartlett, COO, Flow Partners

>> 1:30
Case Study: Integrated Operations
TBA

>> 2:00
Break Out Session: Integrated Operations Business Case

COFFEE BREAK | 3:00

>> 3:30
Introducing MM-ISAC, Collaboration to Improve Security in Mining and Metals
Non-profit for mining company collaboration to increase cyber security launched in July 2017.
TBA

>> 4:00
Chain of Custody: Towards Use of Block Chain to Revolutionize the Mining Industry
TBA

>> 4:30
Forum Wrap-Up and Next Steps

>> 5:00
End of Day Two



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Invitation

GMSG is hosting a Future Mining Forum in Johannesburg on September 20-21, 2017, at the Emperors Palace Hotel Casino Convention Resort. Stakeholders from all mining sectors, including mine operation and planning, equipment manufacturing, software and IT, and engineering, are invited to attend.

The two-day interactive forum event will align the guideline work of GMSG with the priorities and practises of the South African mining industry. Attendees will hear from industry leaders on important industry topics, including digitization and autonomous mining, and learn about current GMSG projects. They will also participate in break-out sessions on how eliminate innovation roadblocks and drive the industry forward.

The Ask

Space is limited due to room size; therefore, we ask that you please RSVP no later than September 15, 2017 to Gugulethu Charlie at gugu@saimm.co.za. For more information about GMSG's forums, contact Heather Ednie at hednie@globalminingstandards.org.

Sponsorship Opportunities

Sponsorship is an opportunity to align your company with global mining stakeholders and be viewed as a supportive organization in the development of global mining guidelines.

REGISTRATION FORM

Registration fee R450

Name:

Company:

Designation:

Address:

..... Postal Code:

Phone: Mobile:

Email: SAIMM Membership No.:

For further information, contact: Conference Coordinator, Gugulethu Charlie
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