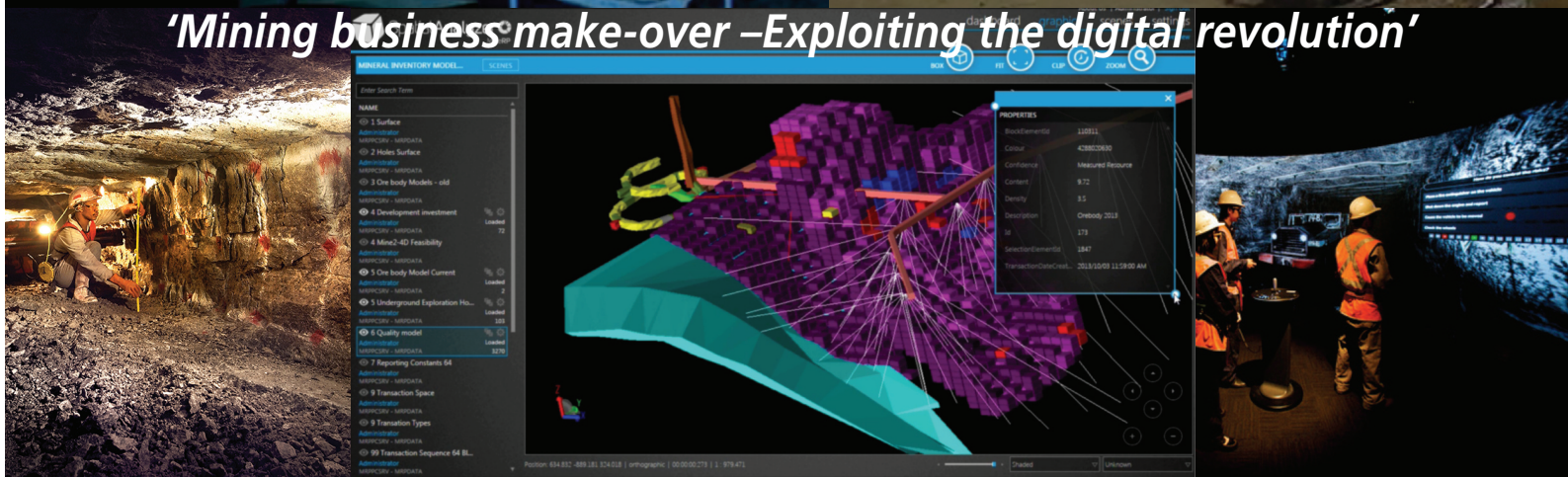


# Digitalization in Mining Conference 2018

*'Mining business make-over –Exploiting the digital revolution'*



>> 6–7 June 2018

>> Focus Rooms, Sunninghill,  
South Africa

Call for papers/presentations

- >> Submission of abstracts 28 February 2018
- >> Submission of papers/presentations 9 April 2018

Whatever terminology you wish to use, it is obvious is that the world of work is changing rapidly.

The Mining Industry, along the Mining Value Chain, has to be a part of this in order to remain competitive, and to reach its ambition of Zero Harm.

Mining businesses in Africa need to join this journey, to stay alive, or be left behind. This event is a showcase and learning experience for everyone people associated with the Mining Industry, to learn about Global Best Practices, to network with global leaders in mining and other businesses, and to do so in an exciting and interactive format that we have never used before.

Be prepared to be **BLOWN AWAY** and to come away excited, informed and modernized!



Sponsors



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## First Announcement

## Background

The Fourth Industrial Revolution is a term that describes the digital transformation journey that the world is travelling, at an increasing speed, as every day goes by. What is clear is that within this environment, constant innovation is not only inevitable, but a compelling driver of competitiveness amongst successful global companies.

What is also clear is that mining as an industry, and mining in Africa, must understand where it is on the innovation curve, and develop strategies that do not leave it behind. This requires deep knowledge of the potential impact and value of digitalisation on mining and metallurgical processes, and the understanding of the Internet of (Mining) Things in both opencast and underground mines. Automation, augmented reality, real time information management and control and virtual reality are all components of this journey, but there are also challenges that need to be addressed, especially for the underground environment.

## Objectives

The objectives of this conference are to showcase global thought leadership in digital transformation, in mining, but also in other industries, to understand the 'art of the possible', and to gain understanding of how emerging advances in these technologies and applications can be transferred into our industry. Success for Southern Africa's Mining Industry lies in Collaboration, Open Innovation, and knowledge-sharing unlike ever before. This event thus provides for a timely and appropriate platform from which to make an impact.

## What you will experience

Delegates will experience, within this conference:

- >> Keynote speakers from around the globe who are at the forefront of Digitalization
- >> Case studies and live stream feeds to global thought leadership
- >> Live demonstrations of state of the art technologies, systems and practices

- >> Showcasing of the latest developments in Digitalization, applied in real mining environments
- >> Networking with global leaders in this area
- >> Interactive discussions to address particular challenges
- >> A platform to discuss challenges.

## What you will learn

Delegates will learn where global best practice exists, and how to transfer these practices into local operations. They will also learn how challenges of change management have been addressed, and how people can be taken along this journey.

Also, presentations will inform how data can be collected, screened, transmitted and analysed, for real time decision making at the right level within the organisation, so that proactive control can be exercised, and solutions applied, before things go wrong.

## Call for Papers/Presentations

### Topics

Papers are called for on any of the following topics:

- >> International and local case studies and success stories
- >> Emerging and novel technologies
- >> Automation, remote operation and real time management
- >> Change management and skills development
- >> Monitoring systems and sensors
- >> Impacts on health, safety and productivity
- >> Data collection and transmission
- >> Data analytics
- >> Impact on mine planning and optimisation
- >> Fleet management
- >> Oreflow management
- >> Digital Strategy.

## The Southern African Institute of Mining and Metallurgy

**Conference Co-ordinator, Yolanda Ndimande**

### Digitalization in Mining Conference

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- ☐ I am interested in attending the Conference ☐ I am interested in taking a sponsorship package
- ☐ I intend to submit an abstract entitled:

Title of paper:

Personal Details: Name .....

Address .....

Tel: ..... Fax: .....

E-mail: .....