



4TH DIGITAL TRANSFORMATION IN MINING CONFERENCE 2025

25-26 JUNE 2025

GLENBURN LODGE AND SPA, MULDERSDRIFT



Putting digital technologies to work



SAIMM
THE SOUTHERN AFRICAN INSTITUTE
OF MINING AND METALLURGY



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

The Mining Industry, along the Mining Value Chain, is a part of this; seeking to take advantage of digital opportunities in the quest for competitiveness, sustainability and Zero Harm.

Mining businesses in Africa, as globally, are on this journey purposefully or by default. This event adds to purpose by being a showcase and learning experience for everyone associated with the Mining Industry. We will learn about Global Best Practices, network with global leaders in mining and other businesses, and do so in an exciting and interactive format.

Be prepared to be challenged and informed and to leave excited and better equipped for today's digital journey.

FOR FURTHER INFORMATION, CONTACT:

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BACKGROUND

In the world's digital transformation journey, every day gathers more pace. Constant innovation is inevitable, now driving competitiveness among successful global companies.

What is also clear is the mining industry must understand where we are on the innovation curve. We need to develop strategies to leverage the most useful of the available initiatives.

This requires deep knowledge of the potential impact and value of digital technologies on mining and metallurgical processes. Planning at all levels of detail and the need for real time information management and operational control are all components of this journey, whether on surface or underground.

Data and information management, at the junction of virtual and real worlds, underlie efforts to stay in touch, take decisions, control and automate the industry's processes.

WHAT YOU WILL EXPERIENCE

Delegates will experience, within this conference:

- Keynote speakers, both local and global, who are at the forefront of their technical discipline
- Case studies and live stream feeds to global thought leadership
- Live demonstrations of state-of-the-art technologies, systems and practices
- Showcasing of digital technologies applied in real mining environments
- Networking with global leaders in this area
- Interactive discussions to address specific challenges
- A platform to discuss where we are headed

KEY DATES

29 NOVEMBER 2024	ABSTRACTS SUBMISSION
3 FEBRUARY 2025	SUBMISSION OF PAPERS
27 MARCH 2023	SUBMISSION OF PAPERS/ PRESENTATION OUTLINE

OBJECTIVES

The objectives of this conference are to showcase global thought leadership in the use of digital technologies in mining and other industries, to understand the 'art of the possible', and to gain understanding of how advances in these technologies are being transferred into our industry.

Success for the Mining Industry lies in Collaboration, Open Innovation, and Knowledge Sharing. This event provides a timely and appropriate platform from which to engage and make an impact.

CALL FOR PAPERS/PRESENTATIONS

Papers are called for on any of the following topics:

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- 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 optimization
- Fleet management
- Oreflow management
- Digital Strategy.

WHAT YOU WILL LEARN

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

Presentations will inform on data collection, screening, transmission and analysis. The objective is real time decision making at the right level in the organization for proactive control before things go wrong.

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