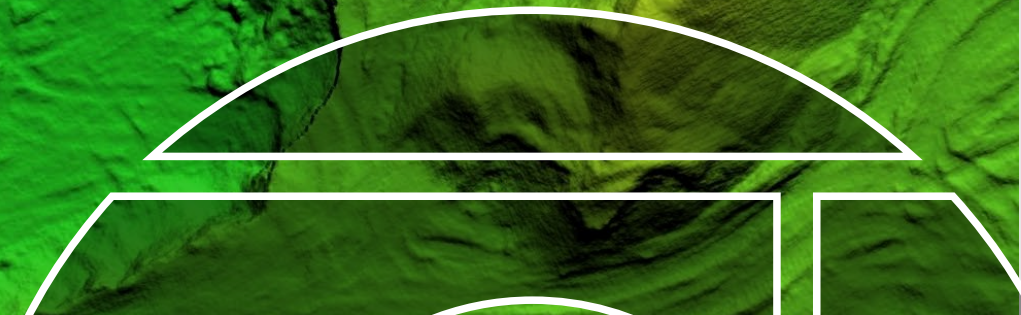




BEYOND TECH TRENDS:

**EMBEDDING
INNOVATION
IN MINING
ORGANISATIONS**



Agenda

1 Leading Technology Trends in the African Mining Sector

2 Embedding Innovation: Challenges and Opportunities experiences by Innovation and Digital Mining Managers

3 Q&A



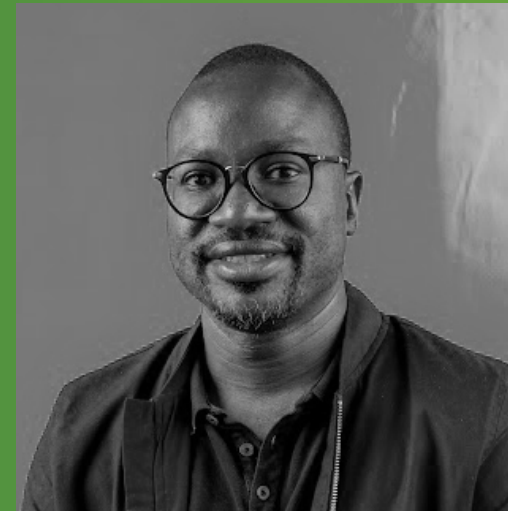
Speakers



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The potential of emerging technologies can only be realised if the technologies are adopted. Captured value of digital transformation is dictated by corporate culture and organisational structures.

Leading Technology Trends in the African Mining Sector

01

Internet of Things (IoT)

02

Artificial Intelligence (AI)

03

Machine Learning (ML)

04

Digital Twin

05

Metaverse

Mining input costs have generally been rising by 10% and increased to almost 12% near the end of 2021. Simultaneously, profitability margins have been shrinking across the South African mining industry. Considering this, amongst other factors, mining companies have been turning to innovative technologies to run more efficient operations.

Embedding Innovation: Challenges experiences by Innovation and Digital Mining Managers

01

Research

02

Corporate Ventures

03

Open Innovation

04

Building an Innovation Mindset and Scaling Innovation

Driving digital transformation and innovation should be a strategic imperative for mining companies. Innovation and Digital Managers cannot champion it alone.

The Role of Research in the era of the Innovation buzzword

01

Insufficient funding into Research and Development stifles Innovation

02

Misalignment of research objectives and interests

03

Limited talent pool

Mining Companies in Corporate Venturing

01

A challenging entrepreneurial landscape

02

Intellectual property constraints

03

Limited venture capital funds

04

Lack of suitable entrepreneurial skills

Corporate venturing offers a flexible opportunity of advancing digital transformation within the mining sector.

Open Innovation in the African Mining sector

01

Enhanced Agility

02

Reduction in Costs

03

Access to diverse talent pool

Open innovation has emerged recently as an innovation model. It encourages companies to use existing external knowledge rather than reinventing the wheel.

Q&A

Contact Us

About COOi Studios

COOi Studios is an innovation accelerator partner to corporates, start-ups and government organisations. We help enterprises accelerate innovation to deliver exponential growth using our highly-tuned innovation methodologies. We work with business leaders to drive innovation culture and rapidly deliver emerging technology innovations (AI, VR, AR, IoT, Robotics and 3D printing).

We look forward to hearing from you and partnering with you in an exciting, innovative journey.

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