

#MakingMiningMatter



Reimagining Training in Mining

Innovation Showcase Event

1 October 2021
QK Building, Doornfontein Campus,
University of Johannesburg

An initiative by Minerals Council South
Africa and Harmony Gold, in partnership
with RIIS



THANK YOU TO THE FOLLOWING PEOPLE WHO MADE THIS PROGRAMME POSSIBLE

Sietse van der Woude
Mustak Ally
Peter Steenkamp
Prof. Hendrik Grobler
Beyers Nel
Mabo Malaza

Mark Haywood
Andries Oberholzer
Lerato Tsele
Leigh McMaster
Tebogo Mangope
Prof. Daniel Mashao

Lisa McEville
Reinhardt Potgieter
Johan Mienie
Davis Cook
Nandi Onsongo

And all our peers and colleagues
who participated and contributed
to its success



A special thanks to the **University of Johannesburg** for graciously hosting this exciting event And to #UJ's Spot the Dog....

BACKGROUND TO THIS JOURNEY

Modernisation is a strategic priority for the Minerals Council and its partners, as it is an imperative for the mining industry's growth and ability to contribute positively to society.

The year 2020 showed that innovation and technology are vital to all industries as they seek to adapt to rapid change. The last year has seen intense focus on how innovation and technology can be used to serve and save humanity. In the face of unprecedented risk, every individual and organisation has been compelled to evaluate and change traditional ways of living and working. COVID-19 slowed the world down, but it accelerated change and the way industries react. 'Ten insights into 4IR in Mining', a report compiled by PwC in partnership with the Minerals Council and with the assistance of the Mandela Mining Precinct, identified that South African mining companies are, by their very nature, innovative, but there is significant room for the industry to embrace the fourth industrial revolution (4IR) and innovation more readily. Key takeaways included the big role that technology innovation can have in the areas of Learning and Development for a more empowered workforce.

Safety, Health and Environment are expected to benefit from the integration of Fourth Industrial Revolution (4IR) technologies.

As part of its Khumbul'ekhaya initiative on health and safety, the CEO Zero Harm Forum within the Minerals Council has identified the key role that training across the whole value chain plays in embedding Safe and Healthy practices and has supported the Minerals Council's efforts to identify the best training solutions to enable these. 4IR tools are expected to deliver improved employee engagement and training to embed Health and Safety practices in every day working processes.

Organisations must prepare their workers to overcome the digital divide

Companies are already exploring new working practices to bring everyone into the digital era. Key interventions for this include (1) creating learning groups that team up digitally proficient staff with those less digital-savvy to raise the digital know-how across the organization, and (2) conscious investment into training staff for digital transformation.

CONGRATULATIONS TO THE 2021 FINALISTS SELECTED FOR THIS PROGRAMME

VIRTUTEC

Denis Vaden: denis@jumploom.io
<http://www.virtutec.co.za/>

Virtutec is a specialized mining industry, training specific, software development company. They have a vast experience of a wide range of training in the mining industry and have built virtual and augmented reality training and support solutions since 2013.



Adi Stephan: adi@boilerroom.co.za
<http://www.boilerroom.co.za/>

The Boiler Room is an innovation and consulting Hub - Delivering Learning, Digital Production, Safety and Management Consulting Solutions. They have delivered innovative visual learning and digital production solutions across all industries, globally since 1999. Internationally recognised, they have been delivering award winning VR and learning solutions, for over 10 years.

sts3D

Wilhelm Prinsloo: wprinsloo@sts3d.co.za
www.sts3d.co.za/

If you need a training solution partner that delivers effective, measurable results – upskilling people towards operational excellence in the new normal of digitized and mobile friendly training, then sts3D is your team. A dynamic company rich in talent that leads the way in innovation and sets the pace for our competitors – we don't copy, we re-invent training – even on the global stage. With decades of actual mining experience, and applying best learning practices with instructional design, sts3D ensures that training gets through, and stays put.

CONGRATULATIONS TO THE 2021 FINALISTS SELECTED FOR THIS PROGRAMME



Melynda Nel: melynda@edutouch.co.za
www.edutouch.co.za

Their core focus is to reduce cost in operations, by improving people performance from the front line upwards. They provide expert collaboration and advice through needs analyses and first principal solution determination. Their methods and technology driven solutions reduce the cost of people development in the process of raising their productivity, efficiency, and effectiveness standards.



Anthony Eva: anthonye@bizarreality.co.za
www.bizarreality.co.za/

bizAR Reality has successfully designed, developed and deployed numerous award-winning augmented and virtual reality solutions for various companies, spanning several industries. Over the past 6 years, our company has become a pioneer of augmented and virtual reality enterprise solutions, with a passion for virtual reality training and custom storytelling. Their systems and procedures are highly structured and are optimised to ensure that each augmented and virtual reality project undergoes a controlled process from start to finish.



Stuart Woolmington: stuart@winwinza.com
www.winwinza.com

They specialise in creating impactful blended learning and strategic communication solutions. Their offering includes a broad range of traditional, digital, immersive and multimedia services and, through these, they promise to bring a sense of ADVENTURE to their clients' people development experiences.



GET IN TOUCH



Alexandra Lugagne

RIIS Engagement Manager

alexandra.lugagne@riis.co.za

(+27) 12 653 1334

