

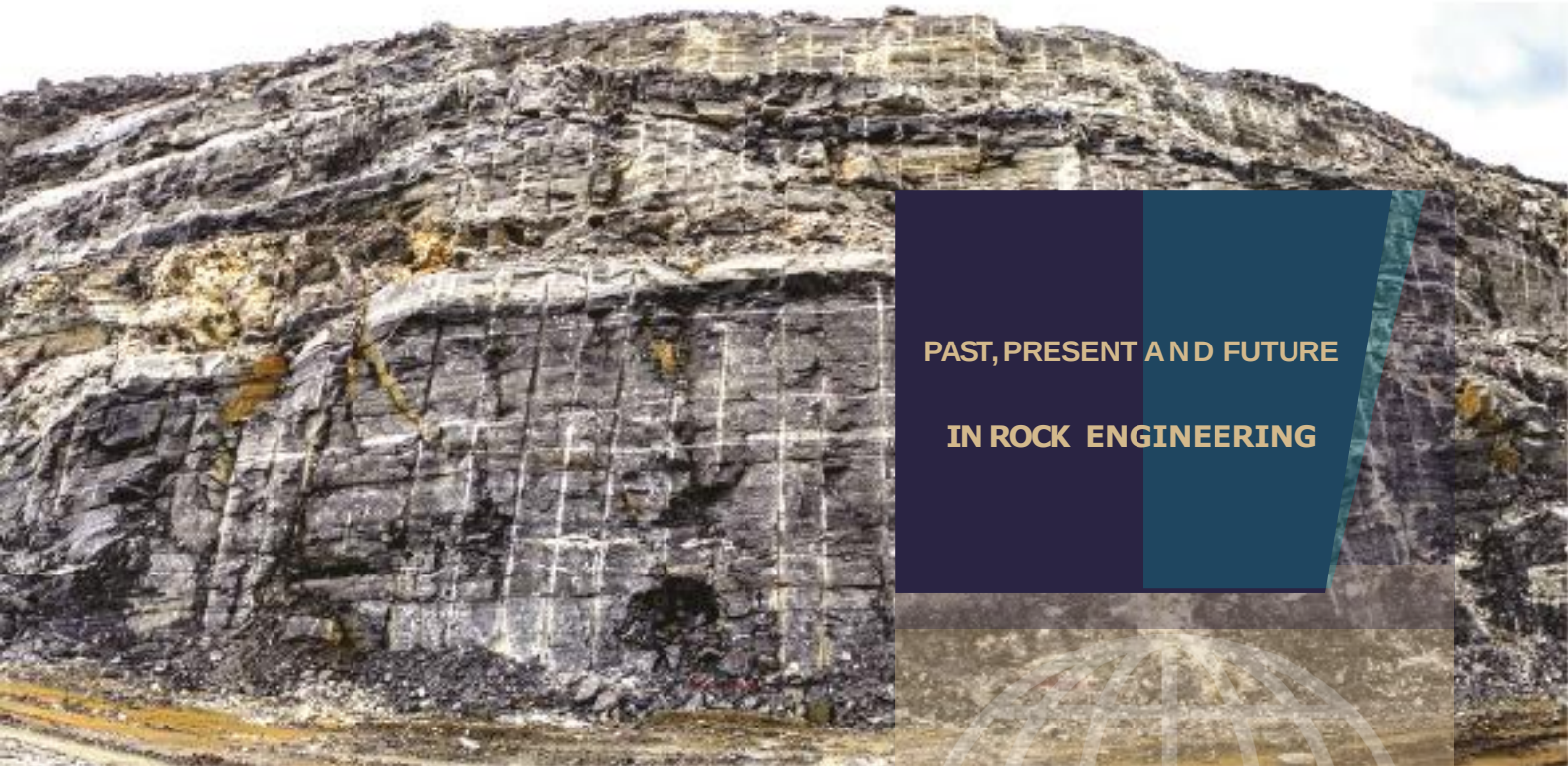


SANIRE

SOUTH AFRICAN NATIONAL INSTITUTE OF ROCK ENGINEERING

ROCK *talk*

Volume 8, Issue 2 | July 2022



PAST, PRESENT AND FUTURE
IN ROCK ENGINEERING

PRESIDENT'S CORNER

Dear SANIRE member,

When I write the President's corner, I generally reflect on where I am at the time of writing, and this time I have reached my mid-term. With only a year left in my term as president, it has been an incredible pleasant journey for me, and I am extremely proud of SANIRE's accomplishments.

During my recent business trip to Australia, it has enabled me to connect with the universities.

The South African National Institute of Rock Engineering is announcing the

SANIRE Symposium

28 & 29 July 2022

**EMPERORS PALACE CONFERENCE CENTRE
KEMPTON PARK**

WHAT'S INSIDE

- President's Corner
- New ticket holders
- Exam News

- SANIRE Symposiums
- Upcoming Events
- Rock Star of the Quarter

PRESIDENT'S CORNER

It was exciting to see the research shared with us, in the field of rock mechanics. While the universities have great achievements in research with many enrolled MSc and PHD students, the universities have only a few undergraduate students enrolled in the field of mining engineering. This creates a lot of prospects to attract international skilled persons and we have seen many South Africans in Australia because to this.



SANIRE have a significant role to ensure we provide the support to members in the field of rock engineering. The Education portfolio council members are doing a great job in partnership with the Minerals Council to make certain that the examinations run effortlessly. Members have had occasions across the globe to partake in the Minerals Council theory and practical exams. There were candidates from Zimbabwe, Botswana, Zambia and Ireland during the May practical exams. SANIRE will continue to provide this support to all our members to keep them up to date with industry.

This also serves as a reminder to all SANIRE members, that SANIRE membership automatically makes you a member of the International Society of Rock Mechanics (ISRM). This offers you access to all the ISRM events, short courses and publications.

Lastly, I would also like to prompt you to attend our SANIRE Symposium on 28 and 29 July 2022 at Emperors Palace. If you are not able attend in person, you can join in virtually as we have made this event hybrid to provide all members the opportunity to participate.

SANIRE is very excited about our first face to face symposium after the covid-19 lockdown and partnering with our sponsors. Hope to see you all there!

SANIRE greetings



Lizelle Prinsloo
SANIRE President

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SANIRE SYMPOSIUM 2022



EMPERORS PALACE CONFERENCE CENTRE
KEMPTON PARK



More sponsorship opportunities are available!

The South African National Institute of Rock Engineering
is announcing the
SANIRE Symposium 2022
PAST, PRESENT AND FUTURE IN ROCK ENGINEERING

You and your colleagues are invited to this unique event to reunite with the industry partners to reflect on how rock mechanics have evolved and exchanging new ideas and exploring the future in this field.

JOIN US AS A SPONSOR!

We offer several kinds of sponsorship possibilities in SANIRE SYMPOSIUM 2022. This is a great opportunity to have visibility and showcase your company or organization and your contribution to the rock mechanics industry.

KEYNOTE SPEAKERS



Rob McGill

Rob is focussed on and passionate about value-creation in the mining and minerals sector. With over 25 years of technical, operational and consulting experience, he has a strong track-record of project, portfolio and business optimisation and growth. Rob started his own consulting and advisory firm 6 years ago which now has some 30 people and two locations being Johannesburg and Brisbane.



Dr. Gerrie van Aswegen

Since 1985 Dr. Gerrie van Aswegen has focused on fault stability, mine layout and seismic hazard, short-term seismic hazard, seismic source mechanisms, integration of numerical modelling with seismic monitoring and forensic analyses of dynamic deformation processes and has published papers on these topics. He has consulted for mining companies in Peru, Sweden, Canada, Brazil, Russia and Australia.



Dr. Dave Roberts

Dr. Roberts is currently with Sibanye Stillwater as a Unit Manager for Modelling, performing modelling services and training as required, using ITASCA codes and Vantage. His main interest is modelling, but he also gets all wobbly at the knees at the mention of instrumentation, stress analysis, and innovative rock breaking methods.

FOR MORE INFORMATION, CONTACT
Mbalenhle Buthelezi: t: (+27) 11 568 20529 e: mbalenhleb@mpas.org.za
W: www.sanire.co.za f: @SANIREofficial

PROGRAMME

SYMPOSIUM: DAY 1

08:00 – 08:30	Arrival and Registration	Mbale Buthelezi
08:30 – 08:35	Welcome note by SANIRE President	Lizelle Prinsloo
	DAY 1 SESSION 1:	Jeanne Walls
08:35 – 08:55	Keynote Speaker: Dr Gerrie van Aswegen	Dr. Gerrie van Aswegen
09:00 – 09:20	Keynote Speaker: Dr Dave Roberts	Dr. Dave Roberts
09:25 – 09:45	Validation of the reliable discriminator of mining induced seismic events at Kloof Gold mines, South Africa	Richard T Masethe, Raymond J Durrheim & Musa D Manzi Sibanye-Stillwater
09:50 – 10:10	Numerical Modelling of Seismic Activity in South African Mines	Jacques Gerber IMSeismology
10:15 – 10:30	Sponsorship videos & Logo Display	BREAK
	DAY 1 SESSION 2:	Les Gardner
10:30 – 10:50	Assessment of the potential for liquefaction of a tailings storage facility using FLAC3D	Katy O'Brien ARQ
11:00 – 11:20	A study of the possible extraction of the footwall marker below the SCS at DCM	Fezekile Mosiane & Christo Marais Dwaarsrivier Chrome Mine (DCM)
11:25 – 11:45	Support design for two tunnels at Anglo Platinum Mogalakwena Sandslout Exploration Project using Drill and Blasting and Mobile Tunnel Boring Machine techniques	Riaan Carstens / Dewaldt van Rooyen Anglo American
11:50 – 12:10	The use of 3DEC in bench design, First quantum Minerals, Kansashi Mine, Solwezi Zambia.	Jacques du Toit FQML
12:10 – 13:00	Lunch Sponsorship videos & Logo Display	BREAK
	DAY 1 SESSION 3:	Rofhiwa Phadagi
13:00 – 13:20	Case studies showcasing visualisation and notifications, for geo-technical risk applications	G.C Coulter, C.A Snith & P.S Piper Groundwork
13:25 – 13:45	An introduction and overview of Multiple Input Multiple Output (MIMO) radar application for pit slope monitoring	Sharla Coetsee Reutech Mining
13:50 – 14:10	Geotechnical data management - Enabling the future	Marnus Bester Anglo American
14:15 – 14:35	A quantitative analysis of dynamic berms on waste dumps using LiDAR Technology.	Jannik Röttcher Horts Geo-Solution / In Partnership with: Reutech Mining and Syperion
14:35 – 14:40	CLOSURE of the Presentations	Rofhiwa Phadagi
14:40 – 15:00	Sponsorship videos & Logo Display Preparing for RockBowl	BREAK
15:00 – 17:00	SESSION 4: ROCKBOWL	Zwelinzima Thebethe & Yerisha Rajpal
18:00	PRESIDENTIAL DINNER	

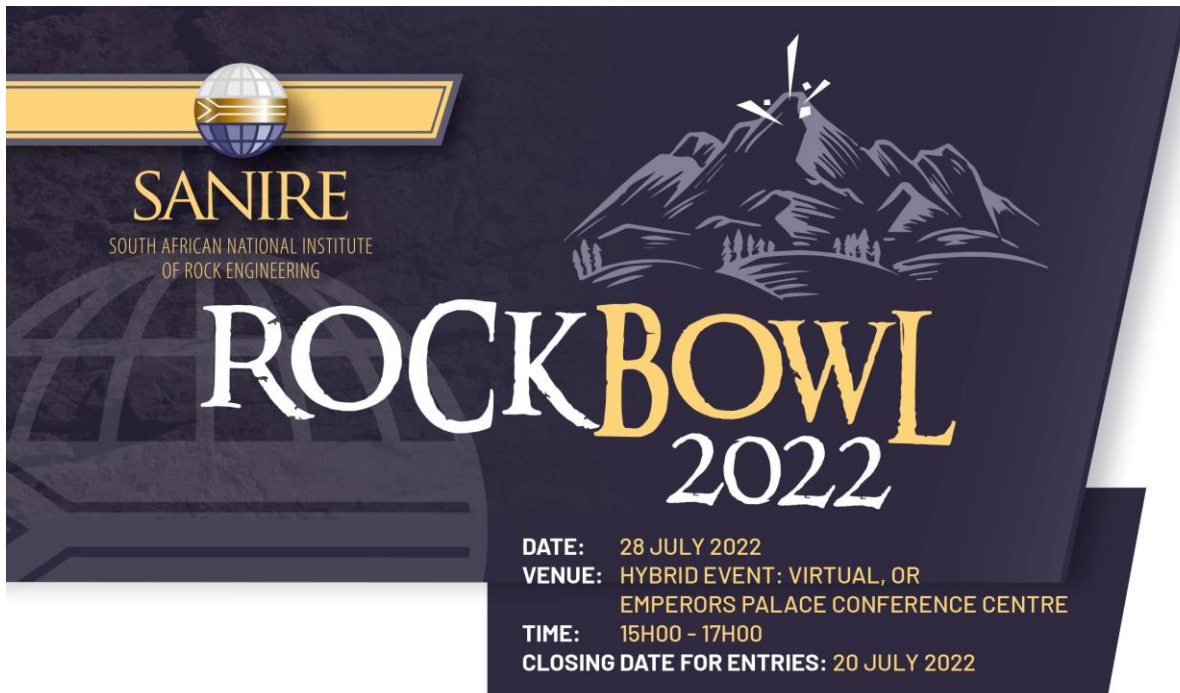
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PROGRAMME

SYMPOSIUM: DAY 2

08:00 – 08:30	Arrival	
	DAY 2 SESSION 1:	Bryan Watson
08:30 – 08:50	Keynote Speaker: Rob McGill	Rob McGill
08:55 – 09:15	Modified sub-level open stope mining below large open pit	Joshua Spencer Wesizwe
09:20 – 09:40	Assessment of coal web pillar stability for Addcar mining	Cassius Selai Glencore
09:45 – 10:05	Assessment of the bord and pillar stability on the MG1 using FLAC3D and 3DEC	Obed Tsetsewa
10:10 – 10:25	Effective Managing Seismic Risk Through Critical Controls	Yolanda Chambati
10:30 – 10:50	Sponsorship videos & Logo Display	BREAK
	DAY 2 SESSION 2:	Thandile Dlokweni
10:55 – 11:15	A Proposed Method for Optimizing Coal Pillar Design using Coalfield Specific Uniaxial Compressive Strength.	Franz Bruwer Anglo Platinum
11:20 – 11:40	CSIR: Touching lives through innovation	Johan Hanekom CSIR
11:45 – 12:05	Net zero emission concrete: Applications in construction and mining	Cyril Attwell ARC Innovations
12:10 – 12:30	Moment Tensor Analysis of the four mining induced seismic events ($M_L \geq 2.0$) and the statistical properties of their aftershocks on the 13 June 2017 within the Ventersdorp Contact Reef: A case study on Kloof Gold Mine, South Africa	Richard T Masethe, Raymond J Durrheim & Musa D Manzi Sibanye-Stillwater
12:35 – 12:55	Applying scanning technology to verify effectiveness of preconditioning	Phumza Banjwa
13:00 – 13:20	Minerals Council – FOGAP	Duncan Adams Minerals Council SA
13:20 – 13:30	CLOSURE OF SYMPOSIUM	Lizelle Prinsloo
13:30	LUNCH	

FOR MORE INFORMATION, CONTACT
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W: www.sanire.co.za f: @SANIREofficial



WHAT IS ROCKBOWL?

A game of questions & answers in which **teams are challenged to answer** technical & non-technical **questions** about rock engineering.

T'S & C'S

Maximum 4 participants per team
All participants to be SANIRE members

WHO SHOULD ATTEND?

Anyone interested in rock engineering looking to brush up their social skills....
Only joking!
All ages welcome.

WHAT'S UP FOR GRABS?

Bragging rights
A host of fantastic prizes

DO NOT MISS OUT!

This year the RockBowl will be HYBRID and teams can participate virtually or face to face at EMPERORS PALACE CONFERENCE CENTRE. Teams in attendance must be registered for the Symposium. This is a great opportunity for you and your team to showcase and test your knowledge against the best and brightest in the field of rock engineering. **Register your team today** and stand a chance to become the **2022 SANIRE RockBowl champion**.

WAIT, THERE'S MORE!

A team of 4 participants will be selected from the participants to represent SANIRE at the ISRM RockBowl 2022 in Paraguay - fully sponsored by SANIRE. The criteria for this will be communicated soon.



NEW ROCK ENGINEERING CERTIFICATE HOLDERS

Following the RMC Practical Exam conducted in May 2022, the following persons obtained the Minerals Council Rock Engineering Certificate. Congratulations!!!!



Kulani Makhubele
Siyanda Bakgatla Platinum



Azwindini Makungo
Booyesdal Platinum (Northam)



Ndaga Mbambo
Hernic Ferrochrome

NEW STRATA CONTROL CERTIFICATE HOLDERS

Following the Strata Control Practical Exams held in April – May 2022, the following persons have obtained their Strata Control Certificates. Congratulations!!!



B Bohule
Cowburn Isherwood



C Kamawe
First Quantum



T Kekana
Palabora Mining



R Lamola
Sibanye-Stillwater



L Ledwaba
Eland Platinum



D Legoabe
Sibanye



J MacPherson
Sibanye-Stillwater



A Majuta
First Quantum



N Maleka
Anglo Platinum



J Matjila
Sibanye-Stillwater



C Mbimbi
First Quantum



N Mbonambi
Ekapa Minerals



R Mfaladi
Anglo Platinum



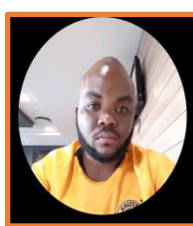
T Mhlanga
Thungela Resources



G Monama
Northam Zondereinde



D Montse
Impala Platinum



C Mpilo
Eland Platinum



U Mukwevho
Eland Platinum



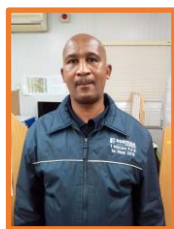
M Nchabeleng
Exxaro Resources



P Ndlovu
Palabora Mining



M Phasha
Northam Zondereinde



C Phuduhudu
Northam Zondereinde



S Pienaar
Impala Platinum



T Rampedi
Ekapa Minerals



N Ramunenyiwa
UMM Contracting



M Sekgobela Preman
Mining



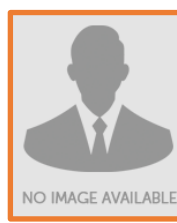
T Sibiya
MLB Consulting



W Singoyi
First Quantum



P Slambee
Harmony



N Thekiso
Palabora Mining



K Tshepe
Khoemacau Mining



V Upindi
Trevali Mining

SANIRE 2023 Diary

SANIRE invites all companies / suppliers to participate in the SANIRE Diary 2023 Project

What is the SANIRE Diary?

It is a great opportunity to partner with SANIRE to provide each SANIRE member with a free **guaranteed quality** diary in the last quarter of 2022.

Knowing each member will receive a diary, speaks for itself – you can market and brand your company / products to all members.

Inexpensive compared to issuing your own diary

COST?

R10 000 for a FULL A4 colour page

R5 000 for a HALF A4 colour page

HOW TO REGISTER?

Mbalenhle Buthelezi

t: (+27) 11 568 2054

e: mbalenhleb@mpas.org.za

w: www.sanire.co.za

f: @SANIREofficial



Example of Diary (above)



SANIRE

SOUTH AFRICAN NATIONAL INSTITUTE OF ROCK ENGINEERING

BREAKING NEW GROUND: A MODERN APPROACH OF DESTRESS STRATEGIES IN DEEP (MASS) MINING

On 7 April 2022, a hybrid international conference was hosted by SANIRE in partnership with LKAB and New Concept Mining at the Olives and Plates Wits Club. Over 150 people attended the hybrid conference from over 8 different countries.

Prof. Horst Wagner and Prof. Dick Stacey, the keynote speakers of the day, have again delivered interesting presentation explaining the basic design principles and the challenges in deep mass mining. It was interesting to learn from LKAB mining company in the challenges they currently face to take their mining to new depths and innovative technologies and mining methodologies they are exploring to mine at these depths.

Deeper mining is a reality of the future as resources on surface are being depleted and therefore we need more collaboration between researches, geotechnical practitioners and mining companies to share experiences and solutions.

You are reminded that all the presentations of the day are available on the SANIRE website, if you have missed out on the conference day.



EXAM NEWS

The May 2022 theory examinations were successfully conducted and the examination committee are working on the following timelines:

- Examiners should be done marking by 20 June 2022
- Moderators should be done marking by 6 July 2022
- RMC / SCO Examination Committee Meeting scheduled for 18 July 2022
- Results to be published by no later than 29 July 2022

The number of candidates that wrote the May 2022 theory examinations are indicated in the table:

May 2022	
Papers	Number of Candidates
SCO Met	143
SCO Coal	9
RMC P1	108
RMC P2	63
RMC P3.1 (Hardrock)	64
RMC P3.2 (Coal)	18
RMC P3.3 (Massive)	11
RMC P3.4 (Surface)	12
Total	428



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africa 2022

Expo Centre, Nasrec, Jhb, South Africa | 5 - 9 September



ROCKtalk

**WE ARE LOOKING FOR
YOU**

WE VALUE YOUR INPUT AND WE ARE CALLING ON OUR MEMBERS TO CONTRIBUTE CONTENT TO THE SANIRE NEWSLETTER.

**THIS IS AN OPEN INVITATION
CALL FOR ARTICLES**

If you are interested in submitting content for the next issue of ROCKtalk, please send us an email at info@sanire.co.za with your proposal along with a commitment date.

SUBMISSION CATEGORIES

- Industry Related Articles
- Academic Papers
- Case Studies

**SUBMIT AN ARTICLE AND
STAND A CHANCE OF WINNING
SANIRE
MEMORABILIA**

FOR FURTHER ENQUIRIES OR
TO SUBMIT YOUR PROPOSAL
PLEASE SEND AN E-MAIL TO:
info@sanire.co.za

VIEW THE LATEST ISSUE OF **ROCKtalk**
www.sanire.co.za



ROCKtalk

**ADVERTISING SPACE
NOW AVAILABLE**

WE HAVE INCREASED THE ADVERTISING OPPORTUNITIES FOR COMPANIES WHO WOULD LIKE TO MARKET THEIR PRODUCTS AND SERVICES IN THE SANIRE NEWSLETTER.

CONTACT US TODAY TO SECURE A SPACE IN THE NEXT ISSUE OF **ROCKtalk**

Type of Advert	Height	Width	Rate (R, VAT)
Full Page	297mm	210mm	R 8000,00
Front Page Town	165mm	55mm	R 4000,00
Half Page	267mm	95mm	R 2000,00
Third Page Horizontal	95mm	190mm	R 2000,00
Square	60mm	60mm	R 1000,00

BOOK YOUR SPACE: info@sanire.co.za

VIEW THE LATEST ISSUE OF **ROCKtalk**
www.sanire.co.za



ROCKtalk

**WE ARE LOOKING FOR
THE NEXT ROCK Star**

NOMINATIONS ARE NOW OPEN

WE ARE SEARCHING FOR THE NEXT ROCK STAR WHO IS GOING ABOVE AND BEYOND

Please send us your nomination of who you would like to see interviewed in the next issue of **ROCKtalk**

**DEADLINE FOR NOMINATIONS
27 JUNE 2022**

FOR FURTHER ENQUIRIES OR
TO SUBMIT YOUR NOMINEE
PLEASE SEND AN E-MAIL TO:
info@sanire.co.za

**PLEASE INCLUDE THE FOLLOWING IN
YOUR NOMINATION**

- ★ Name & Surname of Nominee
- ★ Mining Operation of Nominee
- ★ Designation of Nominee
- ★ Nominee's contact details
- ★ A short motivation as to why you have nominated the person

VIEW THE LATEST ISSUE OF **ROCKtalk**
www.sanire.co.za

UPCOMING SANIRE EVENTS

ANNUAL GENERAL MEETING

FRIDAY
26 AUGUST 2021

VENUE: TBA
TIME: 09h00 - 14h00

You are invited to our Annual General Meeting where we will review the achievements and developments over the past year within our Institution.

BANQUET 29 October 2022

Watch this space



INVITATION TO THE SANIRE EASTERN BUSHVELD BRANCH

ANNUAL GOLF DAY

12 August 2022



Venue: **Highland Gate Golf and Trout Estate**

Format: **Two ball scramble drive, best score to count (IPS)**

RSVP for Golf: **29 June 2022** to Benjamin.smit@norplats.co.za or Sampie.vanbuuren@trp.co.za

Four Ball Cost (including carts, halfway lunch and dinner): **R5000**

Dinner only: **R250**

Water Point Sponsor Cost: **R3500** (R1500 corkage fee for own liquor otherwise bar price from club and orders need to be placed by 30 June 2022)

Advertising Stands: **R5000 per 3m x 3m stand**

Sponsorships to be sent to chris@mjmining.co.za

HUGE PRIZES TO BE WON!

ROCK STAR OF THE QUARTER



Full Name: Lindiwe Precious Zondo
Company/Organisation: Royal Bafokeng Platinum
Date and Place of Birth: 02-Sept-1993 (Soweto, Gauteng)
Education: BEng (Mining Engineering), Tuks
First Job: Graduate trainee, Cullinan Diamond Mine
Philosophy of Life: "Love what you do, it will love you back"
Favourite Food/Drink: Uphuthu and Inkomazi
Favourite Sport: Chess

Q. Favourite Sport:

Chess

Q. Where is your favorite hangout spot?

Anywhere next to the beach, no noise, just a circle full of laughter and music.

Q. What motivates you to get out of bed in the morning?

My alarm and "System generated AWOP" haha haha haha – I'm not a morning person, If I'd get an opportunity to never wake up in the morning, I'd take it.

Q. What is your favorite quote (why)?

"Do unto others as you would like them to do unto you" ... Why? Well, I believe that we behind any scientist; engineer; manager; malaisha; or any other societal given title, everyone is just human with flesh and blood. Therefore, all results in life boil down to how we treat each other.

Q. What is your personal song (why)?

"It all comes down to Love" By BeBe Winans – Because it sums up everything I have believed and lived by up to so far.

Q. What is your favourite movie?

Inception

Q. If the story of your life were to become a biopic, what would the title be?

Conquered

Q. If the story of your life were to become a biopic, which famous actor or actress would play you?

Viola Davis

Q. What is the best vacation you've been to or plan on going to?

Namibia – This December

Q. Do you have a favourite newspaper, blog?

No

Q. What is your favorite hobby?

Tutoring Matriculants, Maths and Science

Q. What is your greatest fear?

Death before getting to raise my 5-year-old son

Q. What is your hidden talent?

Acting

Q. What is the one thing that very few people knows about you (e.g I was mrs Candy high school when I was 12 years old?)

I grew up as an extremely thin child

Q. What's your most memorable facepalm moment?

Learning that rock engineering is so much different than geology

Q. If you could interview one person (dead or alive) who would that be (why)?

Jesus – There's a lot of things that I need clarity on regarding his teachings

Q. If you could only drink one beer/cocktail for the rest of your life, what would it be?

Gin and tonic

Q. If you were an animal, what would you be (why)?

Tiger - Fearless but still very noble

Q. If you were on death row, what would your last meal be?

Uphuthu and Inkomzazi

Q. What do you want to be remembered for?

Going over and beyond and introducing effective business improvement strategies in the mining industry

Q. If you were stuck on an island what three things would you bring?

My son, my phone, and a router

Q. If you were a rockstar, what would your stage name be?

Presh

Q. Growing up, what was your dream career?

Teaching

Q. Why did you choose Rock Engineering as a career?

Rock Engineering chose me really, Marius Steinman the rock engineer at Maseve mine just identified me as a suitable mentee and took me under his care when I met him in 2017. Before I met him, I was attempting to pursue a career in production. I was an intern in the blasting ticket programme.

Q. What are 3 words to describe Rock Engineering?

Calling, Godly and Science.

Q. What do you find the most challenging of Rock Engineering?

The fact that we can't for sure say the exact time that a rock will fall under conditions known to cause fall of grounds.

Q. What do you like most about Rock Engineering?

The never-ending opportunities to improve, I love how one can forever find a new topic to research on even years and years after rock engineering was founded.

Q. What are some areas that you believe will become of increasing importance in the near future of the rock engineering discipline?

Rock engineering for mechanised, high speed mining.

Q. What is your view on the current spike on Fall of Ground Fatals over the past two years?

I think it's absolutely tragic and can be prevented. To attain different results from before, we have to act differently than before.

Q. What solutions do you propose to reduce the Fall of Ground Fatals?

I think it's about time we bring back the "Engineering" in rock engineering. Where we re-design site specific support units and systems.

Q. Who is your role model/mentor?

Role model - Dr Rudy Phillis

Mentor – Mncedi Nkosi

Q. What is the best advice you have ever been given?

"No one owe you anything, so show up for yourself"

Q. What advice would you give to someone who want to choose Rock Engineering as career?

Number 1, go for it! Secondly, spend time at every stage of your career being thorough. Lastly, get a formal tertiary qualification but remain humble enough to remain humble to gain the necessary practical training on the job.

WE ARE LOOKING FOR THE NEXT ROCK STAR NOMINATIONS ARE NOW OPEN

WE ARE SEARCHING FOR THE NEXT ROCK STAR WHO IS GOING ABOVE AND BEYOND

Please send us your nominations of who you would like to see interviewed in the next issue of Rock Talk.

PLEASE INCLUDE THE FOLLOWING IN YOUR NOMINATION

- Name & Surname of Nominee
- Mining Operation of Nominee
- Designation of Nominee
- Nominee's contact details
- A short motivation as to why you have nominated the person.

The Rock Star award is given to up and coming younger generation rock engineers (younger than 35). The award acknowledges the valuable work individuals are doing in their fields to improve systems, technologies, mining practices and applications. These candidates are making a name for themselves in the industry by their interventions and participation, as recognised by their peers and colleagues.

Typically, one award a year will be given to a deserving individual at the discretion of the SANIRE Council. The award, consisting of a certificate, trophy and a 1 oz silver Kruggerand, will be presented by the SANIRE President at the annual general meeting.

CALL FOR NOMINATIONS

NOMINATION CATEGORIES

1. HONORARY FELLOWSHIP
2. HONORARY MEMBERSHIP
3. PRACTITIONER OF THE YEAR
4. ROCKSTAR OF THE YEAR



A HONORARY FELLOWSHIP

It is awarded to individuals in a mature stage of their career (typically retired) with a long and distinguished track record in Rock Mechanics. Candidates should also preferably be associated with SANIRE. The nomination must be motivated by a SANIRE Member or Fellow for consideration by Council.

A HONORARY MEMBERSHIP

It is awarded to individuals in a mature stage of their career (typically retired). These individuals are recognised by their peers for their long term contribution to the Rock Engineering industry. Candidates should also preferably be associated with SANIRE. The nomination must be motivated by a SANIRE Member or Fellow for consideration.

A PRACTITIONER OF THE YEAR

Nominations for this award will be called for by the respective Branch Chairperson during the period from January to July each year. Candidates should be Associate Members or Members of SANIRE. Motivations should be done in writing detailing the individual's contributions. The nominations will be reviewed and approved by the Council members. Also, the achievements of the recipients of this award should be recognised by clients or peers.

A ROCKSTAR OF THE YEAR

Nominations for this award will be called for by the respective Branch Chairperson during the period from January to July each year. Candidates should be Associate Members or Members of SANIRE and must be 35 years of age or younger. Motivations should be done in writing detailing the individual's contributions. The nominations will be reviewed and approved by the Council members. Also, the achievements of the recipients of this award should be recognised by clients or peers.

NOMINATIONS

SANIRE is seeking nominations for the 2022 awards. Award recipients will be honored at the Annual General Meeting.

Nominations typically require a candidate's name, full contact information, biographical information, and/or history of service to the Association.

Some awards require additional nomination materials. For more information on how to nominate an individual, see each award page on the SANIRE Website.

[VISIT WEBSITE](#)

Please submit your nominations and motivations

MBALENHLE BUTHELEZI

Tel: (+27) 11 568 2054

email: mbalenhle@mpas.org.za



www.sanire.co.za



[@SanireOfficial](https://www.facebook.com/SanireOfficial)

ANNUAL AWARDS



Prof. Dick Stacey Award



The award consisting of a certificate and 1oz. Silver Kruger Rand
Will be awarded for outstanding Doctoral or Masters thesis in
Rock Mechanics or Rock Engineering.

The following will be considered for nomination;

To be considered for the award, a candidate must be nominated within two years of
The date of the official doctoral degree certificate. Nominations shall be by the
Nominee or by some other person or organization acquainted with the nominee's work

- Developing an outstanding rock engineering project for PhD Thesis
- Contributing to solving important practical rock engineering problems.
- Effective introducing to rock engineering practice new important technologies.
- Making an important advancement of knowledge.
- Proposing and confirming phenomena.

ANNUAL AWARDS



PRESENTED BY

SANIRE

SOUTH AFRICAN INSTITUTE OF ROCK ENGINEERING

Lelanie Prinsloo Technological Innovation Award

It will be awarded to a SANIRE affiliated company or member who has made a significant contribution towards innovation or new technological Research or development in the rock engineering industry. Nominations can be submitted by any company or member.

The award consisting of a certificate, Trophy, One-year free SANIRE advertising in the SANIRE newsletter, will be presented by SANIRE President during the annual general meeting.

Criteria

It is awarded to a deserving company or individual who have made the most Valuable contribution in one or more of the following:

- Development and application of new testing system.
- Development and application of new methods.
- Development and application of new technologies.
- Development and application of new material or product.
- Promoting a good practice with innovative technologies and management to reduce time and cost of rock engineering project
- Promoting a good practice with innovative technologies and management to enhance health and safety project.

MORE ABOUT SANIRE

HEADS OF SANIRE COUNCIL



Lizelle Prinsloo
President



SANIRE
SOUTH AFRICAN NATIONAL INSTITUTE
OF ROCK ENGINEERING



Kevin le Bron
Vice-President

Branch Chairpersons

Louis Lochner – Freevaal | Ross van Heerden – Gauteng Branch | Edeshni Munsamy – Western Bushveld Branch
 Gunther Betz – Eastern Bushveld Branch | Rofhiwa Phadagi – Coal Fields | Anton Gregory – Northern Cape

SANIRE VISION, MISSION, & VALUES

Vision To actively promote the South African rock engineering profession.	Mission SANIRE promotes the advancement of the rock engineering discipline by encouraging and promoting:
Values - Honesty - Integrity - Professionalism - Accountability - Transparency	- Interest and the development of education in rock engineering - Professional practice and high ethical standards - Networking, collaboration and information exchange - Research areas

EDITORS CORNER



This is our newsletter and SANIRE would like to hear from you.

If you have any information or stories you would like us to include in the next newsletter, please submit them via email to mbalenhleb@mpas.org.za, Thovhedzo.Gcuda@Seritiza.com and lizelle.prinsloo@angloamerican.com

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