

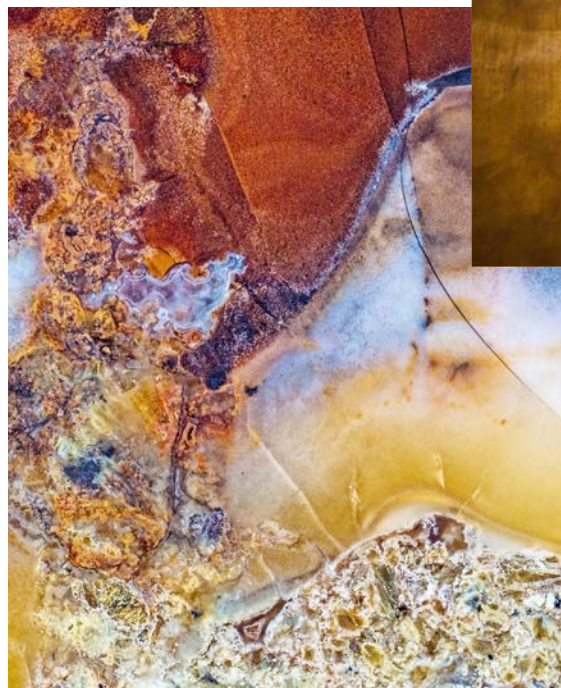


SAIMM
THE SOUTHERN AFRICAN INSTITUTE
OF MINING AND METALLURGY

Annual Report 2022

of the
Annual General Meeting

Thursday, 11 August 2022 at 12:00 via Zoom





Proceedings, 125th Annual General Meeting, 2022

The 125th Online Annual General Meeting of the Southern African Institute of Mining and Metallurgy was held online on Thursday 11 August 2022 and started at 12:00.

Welcome

The Incoming Junior Vice-President Gary Lane, extended a special welcome to all the guests attending the online Annual General Meeting and advised that if they could any questions they may post them in the 'question and answer' tab which would then be addressed during the proceedings.

Gary Lane also extended a special welcome to the representatives of our sister institutes and other associations, and also to the recipients of awards, senior members of industry, Honorary Life Fellows, Past Presidents, our members, and other guests, among them the following:

Mark Cutifani, *Retired CEO, Anglo American Corporation, Ltd*

Engineering Council of South Africa

Thembinkosi Madikane, *Vice President*

Geological Society of South Africa

Tania Marshall, *President*

Geostatistical Association of South Africa

Anton Geldenhuys, *Chairman*

Mine Metallurgical Managers Association of South Africa

Michael Valenta, *President*

South African Institution of Chemical Engineers

David Lokhat, *President*

South African Council for Automation and Control

John Burchell, *President*

Past Presidents attending

Nicholas Barcza
Larry Cramer
Rodney Jones
Jim Porter
Gordon Smith
Willem van Niekerk

Apologies

John Burchell
Wolter de Graaf
Roger Dixon
Sam Spearing
Dick Stacey
Peter Terbrugge
Simon Tose
Julize van Niekerk

Minutes

The minutes of the previous Annual General Meeting, published in a special edition of the AGM Proceedings and sent to all members, were proposed by Russell Heins and seconded by William Joughin.

Obituaries

Gary Lane announced the passing, during the year, of the following members.

Honorary Life Fellows

Henry James (a Past President in 1985/1986)

Retired Fellows

Julian Baker, Charles Clatworthy, Hugo Hart, Huw Phillips, Mike Saner, and Morris Viljoen

Fellows

John James

Retired Member

Ewald Meyer

Member

Devin Mckay, Darius Muma, Shaun Murphy, and Rivotsalama Rakotomalala

Associate

Eon de Vos

In memory of the deceased and in sympathy with the bereaved, everyone observed a moment of silence.

Honorary Life Fellowship

Gary Lane: Honorary Life Fellowship is awarded by the Council to Corporate Members of the Institute who have rendered outstanding service to the Institute over many years. It is my pleasure to announce that the Council has decided to award Honorary Life Fellowship to:

- *Professor Michael Solomon*, for his outstanding service to and support of the SAIMM over many years.

To listen to Prof Solomon's acceptance speech click on this link: https://youtu.be/3PltL9OU_lk

Brigadier Stokes Memorial Award

Gary Lane: The Brigadier Stokes Memorial Award was instituted in 1980 to commemorate the outstanding contribution to the South African mining industry made by Brigadier R S G Stokes, an Honorary Life Fellow and Past President of this Institute. This is the premier award of The Southern African Institute of Mining and Metallurgy and is made to an individual for the very highest achievement in the South African mining and metallurgical industry.

It gives me great pleasure to announce that the award for 2022 is to be made to Mr Mark Cutifani.

Mark Cutifani was nominated by Mike Rogers, Alastair Macfarlane, and Isabel Geldenhuys. The citation was read by Isabel Geldenhuys.

Isabel Geldenhuys: Mark Cutifani was born on 2 May 1958 and grew up in Wollongong, Australia. After leaving high school in 1976, he joined Coal Cliff colliery and enrolled at the University of Wollongong to complete a degree in Mining Engineering. He graduated in 1982 at the top of his class. He was also the winner of numerous awards including the Atlas Copco Travelling Bursary for the top mining student in Australasia in 1982.

After working for Coal Cliff, he joined Kalgoorlie Gold Mines, and later the Western Mining Corporation, Normandy Mining, and Sons of Gwalia. He became the managing director of Sons of Gwalia in March 2000. In October 2006, Mark was appointed chief operating officer for Inco Limited and then Vale's global nickel business, based in Canada. On 17 September 2007, he joined AngloGold Ashanti as a director of the company, and was appointed chief executive officer on 1 October that year. Mark was credited with dismantling AngloGold Ashanti's significant and toxic hedge book, allowing the company to benefit fully from the much higher gold spot price.

On 3 April 2013 he became the new chief executive of Anglo American plc. He led the transformation of the company, and his notable achievements as per the 2019 annual results are as follows.

- Safety – 73% reduction in fatalities and 59% improvement in accident frequency rates
- Occupational health – 81% drop in new cases
- Environmental Incidents - 97% drop in major incidents
- Production – increased by 12%, while reducing the number of assets from 68 to 36
- Costs – improved by 45% in real terms to return the business to a global leadership cost position
- Mining EBITDA margin - increased by 40 %
- ROCE of 19 %
- Sustainability – announced a Sustainable Mining Plan in 2018 to significantly improve energy and water efficiency, reduce greenhouse gas emissions, and promote biodiversity
- In response to carbon footprint reductions, Cutifani announced a target of achieving carbon neutrality for Scope 1 and 2 emissions by 2040, with some operations achieving carbon neutrality by 2030.

On 'Our stories' on the Anglo American website he is quoted as saying 'There has been no greater privilege for me than leading Anglo American and our incredible people. Together, we have transformed our competitive position and led the way towards a very different future for mining – a safer, smarter future that delivers enduring value for all our stakeholders'. Mark stepped down as CEO of Anglo American on 19 April 2021.

Mark is the former Chair and now an executive board member of the International Council on Mining and Metals (ICMM). He is currently an Executive Member, having been President of South Africa's Chamber of Mines (now the Minerals Council South Africa) between 2012 and 2013. He is also a member of the International Advisory Committee for the Kellogg Innovation Network, a member of the Mining & Metals Steering Board and former Governor (now member) of the Mining and Metals Industry Programme for the World Economic Forum. He serves on the Board of the Hydrogen Council, a global initiative of leading energy, transport, and industry companies with a united vision and long-term ambition for hydrogen to foster the energy transition. Mark is also a member of the Advisory Board for the Vale Columbia Centre on Sustainable International Investment and an independent Director of The Power of Nutrition; a UK-based charitable foundation. He is also an Independent Director of Total SA and a member of UK Home Secretary's Business Against Slavery Forum.

Mark has won academic and community awards that are so numerous I could not list them all and finish our AGM on time. I would like to draw your attention to a few that I thought I should mention today to highlight why Mark is such a deserving winner of this award:

- European CEO Awards – Best CEO in Sustainable Mining (2018)
- South Africa Mining Industry – Inducted into the Mining Hall of Fame (2019)
- Mines and Money – Lifetime Achievement Award (2021).

When we asked Mark what he thought his top achievement is, this was his response, 'In the period 2007 to 2021 Anglo American has reduced fatal incidents from +70 to one loss of life. Still, one too many, but we now have an absolute belief and expectation to get to zero. At the same time we have reduced loss of life to HIV/AIDs from 1 000, to one reported case in 2021. And cases and loss of life from [TB] has gone from 73 to zero.

'In the time I have worked with AngloGold and Anglo American, I believe we have demonstrated that "People are the Business" are not simply hollow words. They reflect an absolute belief that if we cannot be true leaders unless we live our Values through and with our people.'

We also asked Duncan Wanblad, CEO of Anglo American for a quotation in the context of the award and he had this to say about Mark. 'Few leaders in our industry have contributed so much energy to ensuring the sustainability of South Africa's great mining industry as Mark Cutifani. For the last 15 years – as CEO of AngloGold Ashanti and then Anglo American – Mark has championed South Africa as an investment destination while fearlessly ensuring that the tough conversations were had to support that thesis. Mark is a true believer in the positive social impact that mining can have but only when it is done safely and responsibly, with due regard for all our industry's diverse stakeholders. The SAIMM Brigadier Stokes Memorial Award is a fitting tribute.' As the SAIMM, we are proud to award the Brigadier Stokes Memorial award in 2022 to Mr Mark Cutifani, a true leader and visionary.

References

Wikipedia

https://www.miningweekly.com/article/mark-cutifani-2010-05-14/rep_id:3650

<https://www.angloamerican.com/about-us/our-stories/a-look-back-on-mark-cutifanis-time-at-anglo-american#:~:text=After%20nine%20years%20as%20Chief,be%20succeeded%20by%20Duncan%20Wanblad.>

Mr Cutifani accepted the award and made the following acceptance speech.

Acknowledgements

First up, I need to acknowledge the members of the SAIMM – to be honoured by the members is the ultimate recognition for someone that has chosen a career in mining. And while we touch all aspects of society and community endeavour, recognition from one's industry peers is something to be cherished.

I also need to thank the SAIMM President, Ms. Isabel Geldenhuys for her generous note and Ms. Sam Moolla for her guidance through the process.

Opening Remarks

As my children like to observe on a regular basis, I am an old man compared to the one that started work so long ago. And I guess almost 46 years in mining does give them a solid data point to support that view. However, it feels like I only joined the industry a very short while ago. As a young boy straight out of High School I was very lucky to have worked in almost every part of the business at Coal Cliff Colliery, including time as a production miner, union member and then front-line supervisor. These were the days when you saw the fruits of your labour, or otherwise, each and every day.

However, as a Chief Executive, we measure success, or otherwise, in terms of 10 to 20 years. And while I would love to regale you with memories from many years in mines, travelling the world and meeting so many interesting people – I think my reflections need to focus on my most treasured memories of South Africa. And to not put too finer point on it, since September 2007, the most important country in my life has been South Africa.

Introduction

In 2007, it is reasonably arguable that the 3 most important issues confronting our country and our industry were:

- **Safety and health**, and I mean in the broadest sense of the welfare of all workers and the broader citizenry.
- **Transformation**, and the need to give all South Africans an equal opportunity to individually determine the course of their personal and professional development, and
- **Productivity**, that being the necessary precursor to lifting a country out of poverty and its associated inequalities.

And the potential role of mining in helping us navigate those broad social challenges was not yet fully recognized in our South Africa of the time. I guess the obvious question follows, is it today?

Discussion

In defining progress on each front, let me focus on our Anglo American journey as surrogate for what we have done as an industry, while at the same time recognizing our weaknesses and failings.

On Safety, from more than 70 reported fatal incidents in 2007, Anglo American reported one fatal event in 2021 – with our first zero deaths in South Africa in the same year. Reported deaths from HIV and associated illnesses went from 1,000 to 1 reported loss in 2021. And in 2021, losses due to tuberculosis was zero, from 70 in 2007. And while we still didn't achieve our zero harm target, there is no doubt our progress on the journey towards zero harm has been remarkable and global industry leading. I can only hope the foundations we set help the team achieve that noble objective soonest.

On Transformation, which is deep and diverse, let me share a few names that most of you will know:

- Nolitha Fakude
- Natascha Viljoen
- Themba Mkhwanazi
- Mpumi Zikalala
- July Ndlovu (now leading Thungela)
- Moses Madondo
- Norman Mbazima, and
- Terence Goodlace

Men, women, black, white, and even a Liverpool supporter in the mix, reflecting a new and exciting transformed leadership dealing with modern challenges that define where opportunities start. And people also forget about the companies we have supported in the early evolution that are now African champions... African Rainbow Minerals, Harmony, Exxaro, Seriti, Thungela - the list is broad and deep. We are proud of the progress we made, but we also know it is still a long road that must be travelled.

On Productivity, delivering more than a 100% increase in production through the implementation of new operating models, new technologies – and now shining a light on a pathway for renewable energy strategies and carbon reduction delivery. Again, not as good as we could be, but material progress towards where we need to be.

And taking the theme of **Innovation**. Can you now believe it – the major global equipment manufacturers shaking their heads at how a group of ‘mining clunk merchants’ and a few jet propulsion technology geeks built the world’s largest hydrogen/battery truck in less time than it took GM and Elon Musk to delivery their first Tesla prototype? And please don’t let my description of my wonderful former colleagues undermine the understanding of their achievement – led by Tony O’Neill, Donovan Waller and Julian Soles – what they and the team has done is remarkable.

These are all achievements that have been borne of the South African mining industry and Anglo American. We are here in these conversations not in spite of being proudly South African in terms of heritage and commitment, but because of our roots and our long term commitment to making a difference.

And so, for me, it’s not about what I have done for South Africa – it’s about how you have inspired me, our leadership team and all of my Anglo American colleagues to make a difference that goes beyond a simple accounting of production and financial returns. I was lucky to be part of and the leader of a great team.

Summary and Wrap

In looking forward, I believe South Africa’s greatest challenge is to stare down corruption and stand for a future that is honest, open, and committed to equal opportunity and just reward for entrepreneurship, innovation, and hard work. The mining industry must be a champion for these ideals and principles. Unlike most, we have the resources, and we have the champions to lead and play our part.

Consistent with these themes we need to see proper resourcing and consolidation of activities to support the application of government processes and approvals that are effective and efficient. That is, effective in they deliver on what they are designed to solve, and efficient in making sure we use the right resources to get them done quickly and without duplication and rework.

We acknowledge the government’s efforts in these areas, and its recent moves on energy being particularly encouraging. But we need interventions at scale and across the breadth of government functions. And we must be partners with governments in supporting their work in this regard.

At the same time, we must be responsible in our demeanour and we must also speak responsibly, to both support our nation’s interests and constructive debate around policy and future directions. And we must all roll our sleeves up and become part of the solution – we cannot simply be bystanders and then be wise after the event.

South African has the resources, we have the talent, and we have a government that is open to creating the conditions necessary to help us lead the global mining industry. So, everyone needs to stand up and put our petty issues aside and provide our country the leadership it needs, and more importantly, the leadership it needs to create a true Rainbow Nation. It is time we led the Southern African mining industry towards global industry leadership – which is where we must set our sights.

Today, I am wearing my Springboks jersey not simply because I am celebrating my commitment to South Africa – I believe it is time we set ourselves the target to bring our own version of the Mining World Cup home to South Africa. And what defines our Mining World Cup:

- Treating each other with dignity and respect and making sure our public discourse reflects that personal commitment to speak responsibly.
- Being the leader in social development and poverty elimination in all the areas in which we operate, and
- Delivering best in class returns to both shareholders and our broader stakeholder networks.

And to our young and exciting new industry leaders – you have the opportunity to take South Africa to the top of the industry rankings, and at the same time lead our country towards the future it needs to deliver on its 1994 promise and promises.

Anything less from our industry would simply be a failure of leadership – leadership that must be personal and compelling.

Closing Remarks

Madame President, in the context of receiving this wonderful award from the SAIMM I would like to thank all my industry colleagues for inspiring me with the enthusiasm, passion and support to help make a difference. In that same context, I would like to dedicate this award to our young men and women that are building today’s mining industry – to those with the courage to make a difference in the pursuit of a better South Africa for all.

As they say in the classics – it is important to remember and remain focussed on what is important and for what we are all fighting for...that is, the future of our children and country.

To listen to Mark Cutifani’s acceptance speech click here: <https://youtu.be/capEU39F8wc>

Presentation of awards, medals and certificates

Gary Lane: These awards and citations were listed in the agenda so I will not be announcing them individually. Congratulations to all the recipients who are online.

Annual Financial Report

The Honorary Treasurer, William Joughin, presented the Annual Financial Report, which is reproduce in the Annual Report. These were adopted and proposed by Russell Heins and seconded by Mughad Aziz.

Office Bearers and Members of Council for 2022/2023

Gary Lane announced the Office Bearers for the ensuing year, elected by the retiring Council in accordance with Clause 5.1 of the Constitution, and By-law B5.2 of the Constitution:

President	Zelmia Botha
President Elect	William Joughin
Senior Vice President	Elias Matinde
Junior Vice President	Gary Lane
Immediate Past President	Isabel Geldenhuys
Honorary Treasurer	William Joughin

In terms of the election of ordinary members of the Council (Clauses 3.2 and 3.5 of the Constitution and By-law B2.1), there were fourteen vacancies.

Wouter Broodryk	Godknows Njowa
Zohreh Fakhraei	Bongi Ntsoelengoe
Bekir Genc	Steven Rupprecht
Katlego Letsoalo	Michael Solomon
Sethabile Madolo	Sam Spearing
Felix Manyanga	Andrew van Zyl
Mark Munroe	Jeanne Walls

In terms of By-law F1.7 of the Constitution related to Branches, and By-law I4.4.6, which governs the Young Professionals Council, the list of Branch Chairpersons and YPC members are listed in the annual report for your information.

The list of Past Presidents who have signified their willingness to serve on Council for the ensuing year was also included in the agenda for your information.

Election of Auditors and Honorary Legal Advisers for the year 2022/2023

Gary Lane proposed that Genesis be appointed as Auditors for the coming year, and also proposed that MH Attorneys be appointed as Honorary Legal Advisers.

This was proposed by Mogomotsi Molefe and seconded by Tomas Aipanda.

Corporate Partnerships

Isabel Geldenhuys presented on the Corporate Partnerships as follows:

Nurturing the future leaders of Southern Africa's minerals industry is one of the key pillars of the Institute's value proposition. A glance at the SAIMM's coat-of-arms reminds us of the SAIMM motto (the Latin text at the bottom), means '*To the capable the opportunity*' which shows that SAIMM's purpose has always been focussed on capacity building of our members.

The Institute has been an important partner in the continuous development of professionals in the industry for more than 125 years and as Office Bearers and Council, we realized that we needed to find new ways to engage with professionals and grow membership numbers to ensure the long-term sustainability of the Institute to ensure we can achieve this ultimate mission – **To help in the development of capable mining and minerals professionals in support of the industry at large.**

Our relevance and ongoing sustainability as an Institute rely on our membership and member engagement, and partnership relationship were identified as a key intervention to support ongoing growth and sustainability. We are pleased to announce that Impala Platinum and Sibanye-Stillwater have signed a one-year agreement with the Institute as the first two Corporate Partners, joining the Institute in supporting the development of professionals.

The Corporate Partnership agreements will see both Impala and Sibanye engaging with SAIMM and participating in bespoke activities. The partnerships are aimed at maximizing membership engagement within each entity, from which the Institute will benefit via the increased membership numbers and additional participation in its committees and events. The objective of these partnerships is to leverage the strengths of the Institute for the benefit of our partners, all our members, and the industry through the targeted relationship with valued Partners.

The committed support of Impala Platinum and Sibanye-Stillwater as part of the Institute's vision to sustainably grow the SAIMM's footprint provides the SAIMM with an opportunity to build fresh and vibrant relationship with members through our partnership agreements.

Under the auspices of these formal partnership agreements, membership participation and collaboration take on a new and exciting format and over the next twelve months the Institute and our valued Corporate Partners will be working closely to achieve this vision.

To launch this initiative, and to celebrate Impala and Sibanye's support, we've put together a short video

To watch the video click here: https://youtu.be/eVCbj_62_r4

SAIMM New Offices

With the onset of the pandemic, the Institute Secretariat started working remotely. The offices in the Minerals Council South Africa building were then unused for most of the two years since then. During this time, the Minerals Council took a decision to sell the building and move to smaller premises/offices. They agreed to provide office space to the team, and we have recently moved to the 7th Floor, Rosebank Towers, 19 Biermann Avenue, Rosebank.

We would like to thank the Minerals Council for providing the Institute's new offices, and we look forward to closer collaboration with them and we look forward to our members visiting when they are in the area.

Outgoing Presidential Award

Gary Lane reported that the Outgoing Presidential report which is a commemorative plaque that marks Isabel Geldenhuys' year in office was delivered to her.

Isabel Geldenhuys: Good afternoon everyone.

The activities of the SAIMM over the past twelve months were still influenced by the lingering impact of the global COVID-19 pandemic. As the world, and the SAIMM's constituency slowly regained some normalcy, the Institute however continues to face numerous challenges that no doubt will feature in the year ahead.

However, the resilience and adaptive nature of the SAIMM team and our members have ensured that the Institute is strong and viable, and we can look ahead with confidence. For me this is most evident through the following highlights:

- The Corporate Partnership programme we celebrated today,
- The establishment of a permanent and vibrant Environment, Social, Governance and Sustainability (ESGS) Committee, and
- The launch of the North West Branch

Although there were many other highlights throughout the year, these three are indicative that SAIMM is adaptive, and relevant in a fast-changing environment.

I believe that as an Institute, we have emerged with a renewed focus on the core of our existence, strongly underpinned by our history, and the capabilities to deliver on this core purpose. The SAIMM is a voluntary association of professionals that exists for our members, and acts as a vehicle through which members can share knowledge and enable professional development. SAIMM can only exist because of our membership and the strategic plans and activities of the Institute focus on maximizing the value and benefit for all our members.

My sincerest thanks and appreciation to all members of the Institute who offered their talents and time over the past year. Whether you reviewed a paper for the Journal, forwarded events to colleagues, lead a committee, fulfilled an official role as a Council member or Office Bearer, or presented at any of the many wonderful events, and of course if you attended a branch meeting or technical event. You are the reason SAIMM continues to be part of the fibre of the industry. The year ahead brings with it new and exciting challenges, but the SAIMM will continue to bring together professionals around tables and in conference rooms, virtually and in real life. Thank you for the opportunity to serve the members and the Institute this year, it enriched my life beyond words, and I am grateful for the privilege.

Induction of President – Mrs Zelmia Botha

Gary Lane: It is my pleasant duty to introduce the new President, Mrs. Zelmia Botha and read her Curriculum Vitae.

Zelmia Botha was born in 1981 in Pretoria. She completed her high school career in Rustenburg and applied for a mining bursary from Iscor. However, she started her studies in metallurgy and has never looked back. She completed her BEng degree in metallurgy at the University of Pretoria, as well as her BEng Honours Degree.

Zelmia started her career in iron ore, evaluating the properties of Iscor iron ore in price negotiations with India and China. She moved to coal process engineering in 2008, where she was exposed to both LSTK and EPCM projects. This offered her the opportunity to become involved in the full project life cycle, from the tender and adjudication phases to creating and reviewing BOOM, BOOT, and commercial contracts, to contracts close-out. She also had the opportunity to be involved in carbon, coal, and coking coal projects in India and China and worked with multi-disciplinary teams in both countries until 2011.

In 2017 she was offered an opportunity to move from a highly specialized environment into a leadership role and she became the Commissioning Manager of the R5 billion Grootegeluk Expansion Mega-Project in Lephalale. This was a turning point in her career and her experience has highlighted the importance of building relationships, effective stakeholder management, diversity and inclusion, and innovation in the success of any mega project.

She now not only believes in the power of knowledge, but also the power of relationships, connection, innovation, and learning. She wants to build a safe space for team members to grow into a diverse, high-performing team where innovation can flourish.

Zelmia is also involved with the SAIMM, where she started with the annual SAIMM Student Colloquium. She has since been one of the Steering Committee members for TPC, involved in the SAIMM DIMI Committee and serving as Office Bearer.

Zelmia is also the mother to a little girl with big dreams, and wants to tell all women to have the courage to go for it! She also recently became the mother of a little boy. She adores her family and family life. Zelmia is also an avid runner, reader, photographer, and traveller.

Introducing our new President



Zelmia Botha

Presidential Address

Zelmia Botha presented her Presidential Address entitled:

Collaboration and Diversity in STEM, which will be reproduced in the September Journal.

Vote of Thanks

Tshepo Mmola gave the the vote of thanks

Closure

The Annual General Meeting closed at 13:43

Welcome and Presentation of Awards



Gary Lane-Master of ceremony, Junior Vice-President

Honorary Life Fellowship Awards



Michael Solomon, received his Honorary Life Fellowship Award

Brigadier Stokes Memorial Award



Mark Cutifani, recipient of the Brigadier Stokes Memorial Award

Gold Medal Award Winners



B.P. Watson



W. Theron



M.P. Mahlangu

For their paper published in the August 2021 *Journal*

Silver Medal Award Winners



K.G. Moloko



J.W. van der Merwe

For their paper published in the June 2021 *Journal*

Student Prestige Prize



N.P. Sambo
University of Johannesburg
Extractive Metallurgy



J-P Strydom
University of Pretoria
Mining Engineering



L.S. Maphalala
University of Pretoria
Metallurgical Engineering



P. Thathi
University of the Witwatersrand
Mining Engineering



N. Rundora
University of the Witwatersrand
Metallurgical Engineering

I. Kristensen
University of Stellenbosch
Mineral Processing

Most Supportive Advertiser in the SAIMM Journal

KSB Pumps and Valves as the Most Supportive Advertiser in the *Journal*

COUNCIL FOR 2021/2022

President

I.J. Geldenhuys

President Elect

Z. Botha

Vice-Presidents

Senior

W.C. Joughin

Junior

E. Matinde

Immediate Past President

V.G. Duke

Honorary Treasurer

W.C. Joughin

Co-opted Members

M. Aziz

M.I. van der Bank

Members of Council

Z. Fakhraei

B. Genc

K.M. Letsoalo

S.B. Madolo

F.T. Manyanga

T.M. Mmola

G. Njowa

S.J. Ntsoelengoe

S.M. Rupprecht

A.J.S. Spearing

M.H. Solomon

S.J. Tose

A.T. van Zyl

E.J. Walls

Branch Chairpersons

Johannesburg

Namibia

Northern Cape

Pretoria

Western Cape

Zambia

Zimbabwe

Zululand

D.F. Jensen

N.M. Namate

J. Mans

Vacant

A.B. Nesbitt

J.P.C. Mutambo (Interim Chairperson)

C.P. Sadomba

C.W. Mienie

Past Presidents serving on Council

N.A. Barcza

R.D. Beck

J.R. Dixon

R.T. Jones

A.S. Macfarlane

M.I. Mthenjane

C. Musingwini

S. Ndlovu

J.L. Porter

S.J. Ramokgopa

M.H. Rogers

D.A.J. Ross-Watt

G.L. Smith

W.H. van Niekerk

Key objectives of the Institute

To initiate and give effect to the means whereby the requirement for technology and scientific knowledge of the minerals and metals section of the southern African economy is satisfied; and to represent and promote the interests of its members.

Arrangement of this report

In accordance with the current management policy, this report on the activities of the Institute is presented under eight main headings:

1. Interests of Individual Members
2. Technical Meetings
3. Publications
4. Regional Development
5. International Liaison
6. Management and Administration.

1. Interests of Individual Members

J.R. Dixon, Chairperson

1.1 Membership Committee

J.R. Dixon, Chairperson

G.V.R. Landman	D.A.J. Ross-Watt
K.M. Letsoalo	G.L. Smith
T.M. Mmola	S. Uludag
N.M. Namate	W.H. Van Niekerk
S. Ndlovu	A.S. Nhleko
M.H. Rogers	

As at the end of the 2022 financial year, total membership across all categories stood at 2459, representing a significant decrease (216) from 2021. The decrease in the Member category is of particular concern. Every effort is being made to re-establish contact with the 403 members in all categories who were struck off at the end of 2022 for non-payment of subscriptions (see Table I).

The Membership Committee completed the review of the criteria for different grades of membership. In particular the criteria for awarding Fellowships were revised and now include the option of an interview similar to the ECSA process.

Meetings of the Membership Committee have continued to be held remotely and it is likely that this will continue in the future.

Table I Total SAIMM membership analysis by year			
Membership grade	End of 2020/2021	Net gain/loss	End of 2021/2022
Honorary Life Fellow	48	1	49
Fellow	256	-15	241
Retired Fellow	200	-5	195
Member	1283	-93	1190
Retired Member	145	2	147
Associate	570	-67	503
Retired Associate	1	–	1
Student	86	-29	57
Company Affiliate	86	-10	76
TOTAL	2675	-216	2459

It is with great sadness that we have to report the passing of the following members, many whom played pivotal roles in the Southern African mining and metallurgical industries (Table II).

Table II Members who sadly passed on during 2021/2022		
Membership grade	Grade	Meeting Date
Julian Baker	Retired Fellow	15 October 2021
Charles Clatworthy	Retired Fellow	19 November 2021
Eon de Vos	Associate	16 July 2021
Hugh Hart	Retired Fellow	15 October 2021
Henry James	Honorary Life Fellow	15 October 2021
John James	Fellow	15 October 2021
Devin Mckay	Member	17 September 2021
Ewald Meyer	Retired Member	24 June 2022
Darius Muma	Member	19 November 2021
Shaun Murphy	Member	17 September 2021
Huw Phillips	Retired Fellow	18 February 2022
Rivotsalama Rakotomalala	Member	18 February 2022
Mike Saner	Retired Fellow	17 September 2021
Navin Singh	Fellow	16 July 2021
Morris Viljoen	Retired Fellow	15 October 2021

I wish to extend my personal thanks to the staff of the SAIMM, Prudence Ntumleng and Kea Shumba, and to members of the Committee for their commitment and support during the past year.

1.2 Young Professionals Council

Portfolio Holder: S. Ndlovu

A.T. Chinhava, Chairperson

W. Banda

C.T. Chijara

T. Chikomo

Rj. Coetzee

U. Hall

H.K. Hengari

K.T. Kekana

R.J. Kemane

C.M. Malatji

S.F. Manjengwa

G.V. Marsden

M.A. Mello

K.A. Moganedi

V. Musapingura

S.J. Naiker

T.S. Ndlela

S. Ndlovu**

A.S. Nhleko

S.J. Ntsoelengoe*

S.N. Nyoni

D. Rachidi

S.M. Rupprecht*

* SAIMM Council Representative

** SAIMM Past President

***Co-opted Members

Over the past year our members have demonstrated remarkable resilience and resourcefulness as we all embraced new ways of working. We are looking forward to the slow and gradual process of getting back to in-person engagements and interactions.

We must extend our gratitude to the SAIMM office for their continued support, as well as to the Office Bearers, Council, committees, and members of both the SAIMM and YPC. Our successes are directly linked to the hard work of every one of them.

One of the most important activities of this past year was the launch of the North West Branch, which has been spearheaded by the young professionals in the region. The YPC has actively supported the SAIMMs strategic partnerships and relationships with organizations such as the Global Mineral Professionals Alliance (GMPA) and the Department of Mineral Resources and Energy (DMRE).

The other major highlight was the initiation of the Sci-Bono upgrade project. The YPC successfully raised funds from the National Science and Technology Forum (NSTF) and the SAIMM graciously matched this amount. This project will help capture the interest of young people and educating them about the minerals industry.

The Mentoring Programme kicked-off again in April 2022. This programme remains a key initiative of the YPC, helping bridge the gap between today's industry players and tomorrow's leaders.

The YPC lunchtime webinar series was another notable achievement for the year. We've had a great line-up of speakers and good engagement from members and non-members in these events.

Looking ahead, we have some exciting initiatives lined up to increase the prominence of the YPC in the industry. These include:

- Support for the establishment of the Limpopo branch
- Engagements with corporate entities to encourage graduates to join the YPC as part of their graduate training programmes
- Re-establishing the strong pre-pandemic connection with the student chapters across universities in South Africa
- Expanding our social media reach using non-traditional mechanisms to engage with current and potential members.

Overall, we have managed to navigate most of the challenges that the previous year threw at us relatively well. We are really excited by the projects we have started this year as they give us the potential to grow the YPC's ability serve its stakeholders effectively into the future. We will continue to think innovatively to come up with practical solutions that will enable us to expand our reach.

1.3 Promotion of the SAIMM

Portfolio holder: I.J. Geldenhuys

The activities of the SAIMM over the past twelve months have continued to be influenced by the lingering impact of the global COVID-19 pandemic. As the world, and the SAIMM's constituency slowly regained some normalcy, the Institute continues to face numerous challenges that no doubt will feature in the year ahead. However, the resilience and adaptive nature of the SAIMM team and our members have ensured that the Institute is strong and viable and we can look ahead with confidence.

Highlights for the year include the progress in respect of the SAIMM's strategic initiative, the establishment of a permanent and vibrant Environment, Social, Governance and Sustainability (ESGS) Committee, commencement and planning for in-person events, continuation of the established online portfolio of offerings, the launch of the North West Branch, and interventions and activities to revive the branches across the region post-pandemic. In addition to these, the various industry interest groups, and committees of the SAIMM continue their invaluable work.

The financial year 2021/2022 also marks the closing of the SAIMM offices in the Minerals Council Building in Marshalltown. The Minerals Council has generously offered to provide office space at their new location in Rosebank, and as of the beginning of June 2022 SAIMM now resides officially on the 7th floor of the Rosebank Towers. The SAIMM is grateful for the ongoing support of the Minerals Council.

The SAIMM continued to implement strict measures to minimize overheads and absorb as much of the financial impact of the pandemic as possible. Despite the financial constraints resulting from the inability to convene larger, in-person events, the technical portfolio stream managed to exceed its expected revenue substantially and several international events are scheduled for the next 18 months, signalling a significant return to normality, and for the first time in many years, the Institute ended the financial year with a small profit.

The Institute continues to recognize that our convening capacity is fundamental to the purpose of the Institute as we share knowledge and grow networks through these events. The dedication and hard work of the staff and conference teams, as well as volunteers among members of the Institute, pulled the SAIMM through the toughest of times over the past few years. Despite these challenging times, the team worked tirelessly to deliver quality events and publications to our members despite the many disruptions in their normal way of working.

Strategic

Nurturing the future leaders of Southern Africa's minerals industry is one of the key pillars of the Institute's value proposition and it is understandably highlighted in the opening statements of the refreshed SAIMM brochure launched in 2021. The sentiments and the purpose statements encapsulated herein form part of the SAIMM's strategic plans. The strategy is the outcome of an intense period of introspection that has been an ongoing process for the past few years. This self-analysis was sparked by financial sustainability concerns, dwindling volunteerism, and a drive to grow membership numbers to expand the SAIMM's impact within the industry. Throughout this period of reflection, the Institute's purpose has withstood and is withstanding the test of time. A glance at the SAIMM's coat-of-arms reminds us of the SAIMM motto, *Capaci occasio* which means 'To the capable the opportunity'.

The Institute has been an important partner in the continuous development of professionals in the industry for 128 years and as Office Bearers and Council, we realized that we needed to find new ways to engage with professionals and grow membership numbers to ensure the long-term sustainability of the Institute. Our relevance and ongoing sustainability as an Institute rely on our membership and member engagement, and targeted partnership relationship were identified as a key intervention to support ongoing growth and sustainability. We drafted a list of benefits that we could provide to corporates and embarked on a corporate partnership drive in 2021, engaging with corporate members and offering them a packaged partnership that supports the SAIMM in implementing our purpose. We are pleased to announce that currently Impala Platinum and Sibanye-Stillwater have signed a one-year agreement with the Institute as the first two Corporate Partners of SAIMM.

The Corporate Partnership agreements will see both Impala and Sibanye engaging with SAIMM and participating in bespoke activities that include joint events, marketing, sponsorships, and mentoring of young professionals. The partnerships are aimed at maximizing membership engagement within each entity, from which the Institute will benefit via the increased membership numbers and additional participation in its committees and events. The objective of these partnerships is to leverage the strengths of the Institute for the benefit of our partners, all our members, and the industry through the targeted relationship with our valued Partners.

The support of Impala Platinum and Sibanye-Stillwater as part of the Institute's vision to sustainably grow the SAIMM's footprint provides SAIMM with an opportunity to build fresh and vibrant relationship with members through our partnership agreements. Under the auspices of these formal partnership agreements, membership participation and collaboration take on a new and exciting format and over the next twelve months the Institute and our valued Corporate Partners will be working closely to achieve this vision. The support of Jim Porter, Vaughn Duke, and Sam Moolla provided during the past year as we engaged with potential partners is highly appreciated and acknowledged.

Launch of the ESGS Committee

The importance of ESG matters and sustainability in the mining and metals industries are at the forefront of the challenges faced by the industry and our members. The creation of a dedicated committee within the SAIMM structures is an initiative that will have long-lasting impact for our membership. The tremendous value brought by Dr Gordon Smith, who volunteered to define scope and vision for the Committee, and the leadership of Professor Mike Solomon as the appointed Chair of the Committee has already borne fruit. The ESGS Committee is an exciting milestone for the Institute and promise to deliver value to our members as we engage with this complex and challenging topic.

Membership

At the end of June 2022, the SAIMM membership consisted of 2459 members, of which 2035 were paying members. The ongoing efforts to renew membership numbers through Corporate Partnerships will be monitored over the next twelve months. Our membership is drawn from more than 59 countries. About 90% of the membership continues to be drawn from the Southern African region, and almost half of the total membership is drawn from the younger professionals. Female membership is now standing at 8%.

The challenging economic impact of the pandemic still requires us to support a few of our members due to the unemployment situation arising from the upheaval caused by the pandemic. Being the caring organization that we are, the SAIMM has deferred the payment of the membership fees at the request of those members, while some of the members that had requested deferment of membership subscription in the past have since found employment and settled their outstanding fees, and thus continue to receive the numerous benefits of being a SAIMM member.

Activities and relationships

The financial performance of the Institute is covered in detail in the Honorary Treasurer's report, but it is noteworthy that revenue from technical events is slowly returning with prospects for the next financial year to continue improving. The improved revenue streams via technical events are supported by the reintroduction of in-person events and the plans for major international conferences, which are going exceptionally well. We are thankful to our dedicated conference team of both staff and volunteers who continue to work diligently in this regard despite the many challenges we had to face. The work done by the team in respect of the PGM Conference scheduled for November 2022, is gratefully acknowledged. The SAIMM technical events diary is filling up with exciting events for the next financial year, and the team had to work hard under difficult circumstances and with many uncertainties. The team also worked extremely hard over the past two years to host online events, including webinars, training courses, conferences, and workshops. These events were hosted professionally and smoothly throughout challenging times.

The 11th World Conference on Sampling and Blending (WCSB11) in 2024 was awarded to South Africa in June 2022, and will be organized by the SAIMM team, while SAIMM will be hosting the International Minerals Processing Congress (IMPC) in 2026. The latter was awarded to South Africa due to the cancellation of IMPC in 2020 owing to the pandemic. SANCOT is currently preparing a bid for SANCOT and SAIMM to the host World Tunnel Congress 2026. With a number of high-impact international conferences on the horizon, the technical programme will continue to provide revenue and most importantly, access for our members to global networks through these international events.

A revival of the relationship with ECSA and voluntary associations is noteworthy, and the leadership of the ECSA Council has expressed their desire to normalize the relationships and to activate the input from the various voluntary associations. The ECSA Council has stated its intention to revive the Meeting with Presidents of voluntary associations going forward.

International profile

The Global Mineral Professionals Alliance (GMPA) is a collaboration between leading professional minerals-related organizations around the world and comprises the Australasian Institute of Mining and Metallurgy (AusIMM), the Canadian Institute of Mining, Metallurgy and Petroleum (CIM), the Institute of Materials, Mining and Metallurgy (IOM3), the Southern African Institute of Mining and Metallurgy (SAIMM), the Society for Mining, Metallurgy and Exploration Inc. (SME), Instituto de Ingenieros de Minas del Peru (IIMP), Instituto de Ingenieros de Minas de Chile (IIMCh), and most recently The West African Institute of Mining, Metallurgy and Petroleum (WAIMM).

GMPA members

- Work together to identify and deliver collaborative projects that are of mutual benefit
- Share knowledge and resources regarding effective ways to support the professional development of institute members
- Partner in the OneMine global mining database.

The participation of the SAIMM in the GMPA ensures that members can enjoy reciprocal benefits from the other participating societies, and SAIMM serves on various sub-committees to realize these benefits for our members. It also enables the SAIMM to gain an understanding of how sister organizations in the minerals industry are operating, which helps benchmark the Institute's performance and activities for the benefit of our members. Key areas of collaboration include aspects related to ESG compliance, tailings management, professional development, and technical events. The value of the OneMine database to our members is immense and a key feature of the value proposition for SAIMM to be part of the GMPA. Ultimately the GMPA provides the SAIMM with a global platform and network.

SAIMM also signed a memorandum of agreement with the West African Institute of Mining, Metallurgy and Petroleum (WAIMM) to collaborate on mutually beneficial projects and activities, aligned with our focus to look beyond the Southern African region for collaborative support and growth opportunities. Under the direction and leadership of Professor Sam Spearing, the collaboration with likeminded professionals in China is developing, and the first joint event was held on 23 March 2022.

The SAIMM Team

The SAIMM team, led by Sam Moolla, continued to adapt to the new normal of working remotely, with the associated challenges this brings to managing a team. The team has diligently worked through the tough times resulting from the lockdowns and the Mineral Council's move to Rosebank, and we are grateful for the opportunity to have the team experience some normalcy through having an SAIMM home office again. The downsized offices will be used on a rotational basis but offer the team a space of their own again.

The support offered to the Office Bearers, Council, committees, and members is lauded and much appreciated. The SAIMM's staff is the backbone of the Institute and without this dedicated team the many activities of the Institute would not have continued virtually uninterrupted throughout the pandemic. We are grateful and appreciative of the efforts by the team to continue the wonderful legacy of the SAIMM.

Conclusion

As an Institute, we have emerged with a renewed focus on the core of our existence, strongly underpinned by our history, and the capabilities to deliver on this core purpose. The SAIMM is a voluntary association of professionals that exists for our members, through our members, and acts as a vehicle through which members can share knowledge and enable professional development. SAIMM only exists because of our membership and the strategic plans and activities of the Institute focus on maximizing the value and benefit for all our members, while encouraging members to donate their time and energy for the benefit of all.

Engagements with Corporate Members and the two formalized Corporate Partnership Agreements are strong indicators that the SAIMM's intent to sustainably grow our membership and the value delivered to our members is bearing fruit. The stability of the 2021/2022 financials, despite difficult conditions, is a key highlight for the Institute. The hard work and inputs from Past Presidents and the Council throughout the past twelve months have guided the work done throughout the year to achieve the targets and objectives.

The establishment of the ESGS Committee, the ongoing work by the DIMI Committee, and the YPC's continued contributions highlights the Institute's relevance to the challenges faced by professionals in the industry. The 'engine room' of the Institute, the Publications Committee, the Membership Committee, and Ethics Committee, continue to serve as the foundation of the Institute, ensuring that the fundamentals are in place.

The year ahead brings with it new and exciting challenges, but the SAIMM will continue to bring together professionals around tables and in conference rooms, virtually and in real life.

1.4 Awards and Adjudication Committees

Awards and Adjudication Committee—Mining

M.H. Rogers, Chairperson

G.L. Smith	R.G.B. Pickering
W.C. Joughin	T.R. Stacey
G.R. Lane	E.J. Walls

Awards and Adjudication Committee—Metallurgy

R.M.S. Falcon, Chairperson

P. den Hoed	S. Ndlovu
E. Matinde	R.L. Paul

Honorary Life Fellows

Honorary Life Fellowship is awarded by Council to Corporate Members of the Institute who have rendered outstanding service to the industry or to the Institute over a considerable period. Council has conferred Honorary Life Fellowship on the following persons:

Pre–

1923	A. Aiken	S.H. Pearce
	A.F. Crosse	J.P. Williams
	J. Littleton	
1923	J. Moir	
1930	H.A. White	
1931	P. Cazalet	J.A. Wilkenson
	A. Whitby	
1932	J.R. Thurlow	
1934	Wm. Cullen	A. McArthur Johnston
	W.R. Feldtmann	G.H. Stanley
	E.H. Johnson	
1938	G. Melvill	F.W. Watson
	S. Newton	
1941	J. Henderson	
1943	Sir R.N. Kotzé	
1946	J. van N. Door	T.K. Prentice
	C.J. Gray	R.S.G. Stokes
	J. Gray	S.J. Truscott
	J.V. Muller	G.A. Watermeyer
	J. Orr	J.A. Woodburn
1951	W.W. Mein	
1953	P.E. Hall	B. St. J. van der Riet
1954	C. Biccard Jeppe	
1955	P.N. Lategan	
1958	R.A.H. Flugge-de-Smidt	
1960	G. Hildick-Smith	A.J. Walton
	A.J. Orenstein	F. Wartenweiler
	H.J. van Eck	
1961	C.S. McLean	
1966	F.G. Hill*	F. Meyer
1970	H.E. Cross*	D.M. Jamieson*
	R.C.J. Goode*	
1974	R.J. Adamson	C.J. Irving
	W. Bleloch*	J.F. Reid*
	H. Britten	
1975	M. Barcza	J.T. McIntyre
	J. de V. Lambrechts	
1976	D.G. Maxwell*	A.R.O. Williams*
1978	J.K.E. Douglas*	V.C. Robinson*
	D.D. Howat*	
1979	J.P. Hugo	P.W.J. van Rensburg*
1980	Hon. S.P. Botha*	R.P. Plewman*
	Hon. P.G.J. Koornhof	R.E. Robinson*
	A. Louw*	
1982	M.G. Atmore*	
1983	C.S. Macphail*	
1985	P.R. Jochens*	M.D.G. Salamon*
	D.G. Malan*	
1986	D.G. Krige*	G.Y. Nisbet
1987	A.N. Brown	
1988	J.D. Austin	D.A. Viljoen*
	R.P. King*	
1989	P.A. von Wielligh*	
1990	S. Budavari*	G.T. van Rooyen
	L.W.P. van den Bosch	

1991	H. Wagner	
1992	J. Lurie*	
1993	No award	
1994	B.C. Alberts*	
1995	R.D. Beck	H.E. James*
	P.R. Janisch	
1996	R.J. Dippenaar	H.G. Mosenthal*
	J.S. Freer*	
1997	J.A. Cruise	
1998	D.A.J. Ross-Watt	
1999	No award	
2000	N.A. Barcza	J.R. Dixon
	R.P. Mohring*	
2001	M.H. Rogers	D.J. van Niekerk
2002	L.A. Cramer	R.F. Sandenbergh
	C.T. O'Connor	J.H. Selby
2003	A.A.B. Douglas*	P.J. Knottenbelt
2004	No award	
2005	F.A. Camisani-Calzolari	
2006	T.R. Stacey	
2007	No award	
2008	E.U.H. Sachse	
2009	I. Walton	
2010	R.T. Jones	
2011	No award	
2012	No award	
2013	No award	
2014	G.V.R. Landman	R.G.B. Pickering
	A.S. Macfarlane	
2015	O.K.H. Steffen*	M.F. Handley
2016	R.C.A. Minnitt	S.J. Ramokgopa
	J.L. Porter	G.L. Smith
2017	D. Tudor	
2018	M. Woodhall	
2019	M. Dworzanowski	K.C. Sole
	C. Musingwini	
2020	S.M. Rupprecht	
2021	W.H. van Niekerk	
2022	M.H. Solomon	

*Deceased

Brigadier Stokes Memorial Award

The Brigadier Stokes Memorial Award, which takes the form of a platinum medal, is awarded to an individual for the very highest achievement in the South African mining and metallurgical industry, and is not necessarily based on technical expertise.

The Award was established in 1980, and the previous recipients were as follows:

1980	H.F. Oppenheimer
1981	W. Bleloch
1982	F.G. Hill
1983	A.W. Whillier (posthumously)
1984	D.G. Krige
1985	R.E. Robinson
1986	M.D.G. Salamon
1987	T.F. Muller
1988	W.J. (Wim) de Villiers
1989	R.A. Plumbridge
1990	W.G. Boustred
1991	P. du P. Kruger
1992	E. Pavitt
1993	D.A. Pretorius

1994	H. Wagner
1995	O.K.H. Steffen
1996	B.E. Hersov
1997	D.W. Horsfall (posthumously)
1998	B.P. Gilbertson
1999	L. Boyd
2000	A.H. Mokken
2001	T.L. Gibbs
2002	J. Ogilvie Thompson
2003	P.V. Cox
2004	H.J. Smith
2005	P. Motsepe
2006	G.T. van Rooyen
2007	D.H. Laubscher
2008	T.R. Stacey
2009	C.J. Fauconnier
2010	C.T. O'Connor
2011	B.C. Alberts
2012	R.P. Mohring
2013	H.R. Phillips
2014	R.M. Godsell
2015	S.A. Nkosi
2016	M.A. Hermanus
2017	R.A. Baxter
2018	M.S. Teke
2019	D.L. Hodgson
2020	J.R. Dixon
2021	N.J. Froneman

The recipient of this award for 2022 will be announced at the AGM.

SAIMM 50 Year Club

The Institute established the 50 Year Club in 1989 to recognize the faithful and loyal support of its senior members with 50 years' unbroken membership. They become members of the club on the 50th anniversary of their joining the Institute. Their names are published each year in the annual report and they are presented with a gold lapel badge on a suitable occasion. There are no fees, and the only obligation of members is to wear their lapel badges with pride and affection at all meetings of the Institute. The present members of the club are as follows:

Year to

June	Member	
1924	E.C. Polkinghorne*	
1926	R.M. Martin*	
1927	W. Allen*	
1930	E.T. Dunstan* (posthumously)	
	P.L. Ward*	
1931	F. Bowdler*	
1932	J.E. Laschinger*	
1933	F.D. Cartwright*	E.R.C. O'Connor*
	C.H. Coxon*	B.M. Roberts*
	J. Levin*	A.a. von Maltitz*
	D.D. McWilliam*	T. Waterman*
1934	A.C.M. Cornish-Bowden*	J.W.V. Mortleman*
	H.E. Cross*	K. Rood*
	E.F. Laschinger*	A. Siff*
	E. Margo	O. Weiss*
1935	O.B. Swallow*	
1936	O. Deane*	A.H. Mokken*
	T.L. Gibbs*	H.L. Munro*
	R.C.J. Goode*	R.M.F. Seawright*
	F.G. Hill*	A.C. Pigott*
	D.M. Jamieson*	J.S. van Zijl*
	D.J. Rogers*	L. Walter*

1937	W. Bleloch*	J.J. Klein*
	L.A. Bushell*	C.D. Storrar
	K.W. Findlay*	
1938	V.C. Barnes*	C.A. McKechnie*
	E.T.S. Brown*	J.A. Nixon*
	R.S. Cooke*	E. Popplewell*
	J.K.E. Douglas	C.G. Sowry*
	A.L.A. Forder*	E.W. Thiel*
1939	G. Armstrong-Smith*	R.S. Pearson*
	D.E.R. Ayres*	D.C.J. Squirrell*
	E.H.D. Carman*	R.F.J. Teichmann*
	W.G.H. Jackson*	I.S. van Eyssen*
	T.A. Newman*	S.J. Venning*
1940	L.D.C. Bok*	G.D. Gettliffe*
	A.W.L. Brereton*	G.G. Stanley*
1941	A.H.H. Davison*	D. de V. Oxford*
	D.J. Forder*	E. Pavitt
	A.R.C. Fowler*	A.C. Petersen*
	H.F.W. Ketelbey*	E.R. Rudolph*
	J.D. McNamara*	P.W.J. van Rensburg*
	T.F. Muller*	
1942	R.E. Burnton*	O.L. Papendorf*
	R.C. Espley-Jones*	V.O. Steed*
	N.M. Hayne*	J.E. van Leeuwen*
	R.T. Naudé*	W.C. Walmsley*
1943	D.J. Molony*	R.P. Plewman*
	J.D. McMorran*	
1944	A.F. Dick	V.M. Reinecke*
	R.B. MacGillivray*	A.S. Swartz
	L.J. Prince*	A.H. Taute*
	J.F. Reid*	P.B. Weehuizen*
1945	J.L. Curtis*	K.E. Steele*
	E.T. Pinkney*	
1946	W.I. Spence	
1947	G.H. Grange*	J.D. Pollard
	W.B. Howe*	V.C. Robinson*
	J. Marr-Levin	A.N. Shand*
	C.J. Parr*	G.R. Still†
1948	D.F. Foster*	J. Pope*
	M.H. Grusd*	N.A. Stacey
	P.A. Laxen*	J.A. Tyser
	G.Y. Nisbet	
1949	G.P. Bennett*	J.P. Hugo
	J.F. Curtis*	D.A. Immelman
	O. Davel	
1950	D.F. Grieve	R.P. Plasket*
	B.E. Hersov	V.C. Ward
	D.G. Maxwell*	
1951	D.G. Krige*	N.C. Pope
	B.H.L. Leach*	W.T. Ruhmer
	M.J. Martinson	T. Zadkin*
	W.D. Ortlepp*	
1952	A.N. Brown	E.P. Mortimer
	M.J. Deats	D.J. Murphy
	W. Lurie*	H.J. Stucke*
	N. Martincevic	R.G. Williams
1953	B.G. Fordyce	G.D. Tainton
	G. Langton*	J. Uys*
	A.A. Sealey	N. Zolezzi
1954	R.C. Bertram	R.B.W. Wiggill

1955	R.A.O. Chelius*	G.R. Parker
	S.P. Ellis	W.B. Parker
	C.T. Fenton	
1956	G.A. Brown	M.A. Madeyski*
	D.R. Chelius	D. Rankin
	M.F. Dawson	G.C. Thompson
	L.M. Falcon	
1957	K. Babich	A.M. Edwards
	J.J. Blom	R.C. More O'Ferrall
	R. Campbell	N.C. Officer
1958	J.F. Dear*	B.S. Tattersson
	R.H. Swan	P.J. van der Walt
1959	H.E.K Allen	H.A.G. Slater
	D.C. Brink	G.T. Van Rooyen
	G.D. Louw	
1960	R. Hemp	C.T. Shaw*
	G. Joynt	L.W.P. van den Bosch*
	B. Moore	H. von Rahden
	R.E. Robinson*	M. Wishart
	C. Roper	
1961	W.B. Evans	G.S. Lee
	R.A. Featherstone	B.J. Love
	I.R.H. Forrest	P.J. Muller
	J.S. Freer*	G.J.C. Young
	B.W. Holtshousen	W.J.G. Young
1962	S.I. Du Preez	E. Schmid
	P.J. Heystek	
1963	L. Anderson	J.N. Gallie
	H.K.R. Cahnbley*	J.J. Geldenhuys
	G.C. Clatworthy	T.J. Kotze
	R.E.F. Cowley	A.H. Munro
	J.A.J. De Cuyper	A.G. Netto
1964	J. Douglas	A.W. John
	K. Imre	A. Simon
1965	P. Andersson	W. Mitchell
	J.A. Cruise	D.I. Ossin
	F.S.A. De Frey	M.H. Rogers
	F.M.G. Egerton	E.H.J. Stoyell
	F. Fenwick*	R.S. Traviss*
	M.R. Fuller-Good	J.W. Walls
	P.G. Gaylard	I.C. Watson
	J.P. Hoffman*	J.C.M. Wethmar
	J.P. Loo	
1966	D.A. Arnold	N.F. Peverett
	C. Fauconnier	J.C. Simms
	D.R. Fleming	P.J.C. Smith
	E. Fletcher	O.K.H. Steffen*
	P.G.P. Mrkusic	D.J. van Niekerk
1967	H.G. Albertyn	H.E. Lombard
	N.A. Barcza	M.C.W. Morris
	A.G.C. Merson	W.A. Nairn
	P.J. Cook	A.D. Ochse
	C.V.B. Cunningham	M.v.R. Steyn
	N.C. Joughin	P.S. Wentworth
1968	H.A.D. Kirsten	N.P. Finkelstein
	D.G. Sacco	
1969	I.C. Robinson	G.F. Bainbridge
	W.E. Stumpf	T.K. Whitelock
1970	R.D. Beck	F.H. Lancaster
	M.I. Brittan	C.F.K. Poulton

	W.N. Cartner	M.J.H. Tonking
	C.L. De Jongh	J.C.G. Van der Colf
	W.A. Hustrulid	L. Vercueil
	W.R. Judd	C.H. Wiggett
	C.P. Kramers	
1971	C.J. Davies	C.B. Roper
	H.P. Hart	D.A.J. Ross-Watt
	C.J. Hattingh	H.G. Waldeck
	M.S. Mulder	G.R.W. Walker
1972	No 50-year members	

*Deceased since becoming members of the Club

†Resigned

The Danie Krige Memorial Award

Following discussions at Office Bearers and Council during 2013 it was agreed to honour the memory of and contribution to the minerals industry made by the late Professor Danie Krige.

It was agreed, among other activities, to make an annual award of a Danie Krige medal for a qualifying geostatistics paper published in the *SAIMM Journal* of the previous year.

There is no award this year.

Gold and Silver Medals

Papers published in the *Journal* from March 2021 to February 2022 by members of the Institute were considered for medals.

Mining

Gold Medals

Gold medals are awarded for papers that are of a world-class standard, and judged to be publications that will become key references in their mining or metallurgical field in the future.

Gold Medals are awarded to:

B.P. Watson, W. Theron, and M.P. Mahlangu, for their paper published in the August 2021 issue of the *Journal* entitled: 'UG2 pillar strength: Verification of the PlatMine formula'.

As non-members N. Fernandes, W.O. Kekana, G. Betz, and A. Carpede will receive certificates of merit.

Citation:

This paper describes a pillar monitoring experiment carried out in an underground Platinum mine. The results were used to verify the pillar formula for UG2 reef pillars that was determined from the back analysis of failed and unfailed pillars as part of the PlatMine research programme. A pillar was monitored with strain cells and closure meters. During the experiment, the pillar was partially mined, reducing its size, then surrounding pillars were mined, which caused the pillar stress to increase. The experiment was well described and appropriate methods were used to analyze the data. Such experiments are unusual because of the logistical challenges and effort required, but they provide essential information for pillar design. It therefore provides a valuable contribution to the mining industry. This implementation of the UG2 pillar formula could result in a significant increase in revenue and could extend the life of the mine.

Silver Medals

Silver medals are awarded for papers that make a major contribution to the professions of mining and metallurgy and to the prestige of the Institute.

No Silver Medals were awarded for 2021-2022.

Metallurgy

Gold Medals

No Gold medals were awarded for 2021/2022

Silver Medals

Silver medals are awarded for papers that make a major contribution to the professions of mining and metallurgy and to the prestige of the Institute.

Silver Medals were awarded to:

K.G. Moloko and J.W. van der Merwe, for their paper published in the June 2021 issue of the *Journal* entitled: 'Investigation of the mechanism for fireside corrosion in coal-fired boilers in South Africa'.

Citation:

This paper describes causes and mechanism of fireside corrosion in Eskom's pulverized coal boilers. In-depth investigations were carried out at three coal-fired power stations into the morphology and composition of the fireside deposits and the conditions within the furnace that enable this type of attack. The study contributes to the understanding of the problem which may be behind unplanned outages and load shedding in SA. The study shows excellent use of science to determine the root cause of a problem, and suggests how effective control of the combustion process might mitigate the extent of corrosion.

Student Prizes

Students receiving a certificate at their Graduation Ceremonies and a silver medal at the AGM.

The prize winners were as follows:

University of Johannesburg

Extractive Metallurgy	N.P. Sambo
Mining Engineering	No award was made this year

University of Pretoria

Metallurgical Engineering	L.S. Maphalala
Mining Engineering	J-P Strydom

University of the Witwatersrand

Metallurgical Engineering	N. Rundora
Mining Engineering	P. Thathi

University of Stellenbosch

Mineral Processing	I. Kristensen
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SAIMM 5 Star Incentive Programme

The SAIMM 5 Star Incentive Programme was introduced in 2015 to thank members who contribute to the growing membership of the SAIMM and to provide additional benefits to Fellows and Members of the SAIMM.

The top 5 proposers are:

R.K. Kemane, I.G. Lute, W.J. Mans, F. Manyanga, and C.T. Musa

The top 5 referees of papers published in the *Journal* are:

S. Bada, A. Copeland, M. Dworzanowski, M. Erwee, and F. Malan

There is no single author who submitted and published the most number of papers in the *Journal* this year.

Top Advertiser in the Journal

The award for the Most Supportive Advertiser in the *Journal* is to be made annually by the SAIMM and is the Institute's way of recognizing the continued and loyal support of those companies that advertise in our *Journal*. The award is made not only on the strength of the amount of money spent by an advertiser, but also on factors like general cooperation, meeting of deadlines, and the timely settling of accounts. Our advertisers make a major contribution to the Institute's ability to provide our members and associates with a quality *Journal*.

The Most Supportive Advertiser for 2021/2022 is KSB Pumps and Valves.

1.5 SAIMM Scholarship Trust Fund

Trustees

R.D. Beck
L. Cramer
J.R. Dixon
M.H. Rogers

Committee

J.R. Dixon
T.M. Mmola
A.S. Macfarlane
M.H. Rogers
W.H. van Niekerk

Nothing to report this year.

1.6 Complaints Committee

R.C.D. Phillis, Chairperson
M. Dworzanowski
A. Garbers-Craig
A.J. McDonald

Nothing to report this year.

1.7 Ethics Committee

J.A. Cruise, Chairperson
A. Kinghorn

Nothing to report this year.

1.8 The Committee for Diversity and Inclusion in the Minerals Industry Report (DIMI)

DIMI – Committee for Diversity and Inclusion in the Minerals Industry

S. Ndlovu, Chairperson

S.M. Rupprecht, Deputy Chairperson

Z. Botha	P. du Pisani
N.M. Chiloane	C. Radloff
B. Korb	K. Rathobei
N. Monei	C. Taylor
D. Matlou	J. Walls
S. Nhleko	B. Xakalashe

The SAIMM Committee for Diversity and Inclusion in the Minerals Industry (DIMI) seeks to advance issues of diversity (gender, ethnicity, religion, and other diversifying factors) and inclusion in the industry through initiatives and activities that address the professional needs and aspirations of persons actively pursuing a career in the minerals industry.

In the 2021-2022 period, the Committee, in collaboration with Woman in Mining South Africa (WiMSA), successfully hosted the first ever SAIMM diversity and inclusion conference from 3 to 4 August 2021. The conference came with a very comprehensive programme made up of high-powered presenters from both the local and international scene. The conference was very well attended and covered diverse talks on issues such as gender inclusivity in the workplace, empowerment and leadership, and creating a positive environment for diversity. The conference also touched on workplace strategies for mental health. Further to this, the Committee has also been hosting webinars on diverse, and topical issues related to diversity and inclusion in the mining sector which are presented every two months.

The DIMI Committee is currently working on building a strong collaborative network of partners both locally and internationally. Currently, partnerships have been established locally with WiMSA and the Minerals Council South Africa. The focus is now on establishing networks with other SAIMM sister institutes such as the CIM (Canada) and AusIMM (Australia). The Committee is also working on establishing a podcast that will focus on topical issues on diversity and inclusion in the minerals industry.

1.9 Banquet Committee

There was no Banquet held in 2022.

2. Technical Programme Committee – Mining and Metallurgy

Portfolio Holder: I.J. Geldenhuys

Technical Programme Steering Committee

G.R. Lane, Mining Chairperson

Z. Botha, Metallurgy Chairperson

I.J. Geldenhuys, Co-chairperson

Technical Programme Steercom Committee Members

K. Banda	A. Mello
R.T. Jones	J. Walls
E. Matinde	B. Xakalashe

Technical Programme Committee— Mining and Metallurgy SAIMM TP would like to extend our gratitude to our members that supported, facilitated, and promoted our new virtual conference and webinar drives.

The mining and metallurgy TPs were integrated 2 years ago, and this has resulted in majority of events being combined. This collaboration is shown in Figure 1.

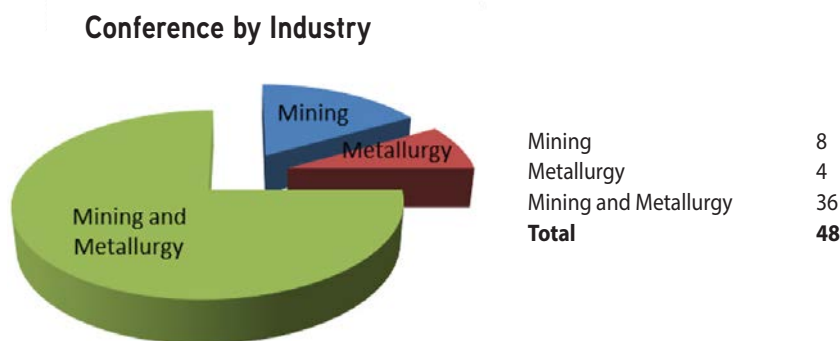


Figure 1

The TP hosted quarterly engagement webinars with all SAIMM members and industry and has used their guidance in structuring events. Events included our first DIMI conference, webinars including topics on productivity in mining, data management, robotics in mining, thermodynamic modelling and improving metal recoveries, as well as our established conferences, including World Gold Conference, APCOM, 5th Young Professionals, International Conference on Southern African Rare Earths, SAMCODES and the Tailings Conference.

As mentioned in previous years, the industry has changed significantly, and for various reasons members do not have the discretionary time available to volunteer on organizing committees. We have responded to the changing industry trend and have setup focused Interests groups as follows:

- PGM Interest Group – Gary Lane and Buhle Xakalashe
- ESG-S Interest Group – Gordon Smith and Michael Solomon
- Pyrometallurgy Industry Group – Rodney Jones
- DMI Interest Group – Prof Selo Ndlovu
- Tailings Interest Group – Andrew van Zyl

These groups are each lead by individuals that are passionate about the subject matter and have assembled a team of individuals from the industry who share that passion. Each interest group will lead the strategic and tactical drive for our members and industry in terms of Webinars, Short-Courses, Conferences and other collaborations. If you would like to join one of these interest groups, then please reach out.

SAIMM hosted 34 webinars the past year with an average of 50 delegates per webinar and a maximum of 1370 delegates. The SAIMM high-quality technical content has not changed and members can still obtain CPD (Continuous Professional Development) points for our webinars. SAIMM identified the top 5 webinars for 2021 and 2022.

1. Minerals Council South Africa Webinar
2. Kinetics of pyrometallurgical processes - It should go faster shouldn't it!?
3. Set yourself up for success in 2022 (Young professional Council)
4. Modelling of Slag Freeze Linings to Support Furnace Design
5. Advanced Process Control for MMM – Control and Optimize Using Models and Data.

SAIMM TP would like to see more members attending discussions and presenting topics of interest during our new digital drive. Most of our attendees remain non-SAIMM members at 77%, an increase from 75% in 2021.

Member vs Non-member Attendance

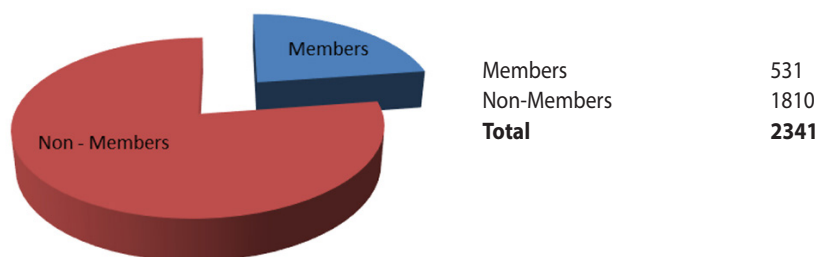


Figure 2

Delegate numbers have increased substantially from 1534 to 2341 for the last financial year.

SAIMM TP has seen even more diversity in attendance from different continents. During 2020 South African delegates were more than 90%, but during 2021 SAIMM TP has seen more delegates from Africa, Europe and Americas (Figure 3), with South Africa at 84%. The growth in diverse spread of countries attending is encouraging and points to the success of the SAIMM TP digital drive.

Countries in Attendance

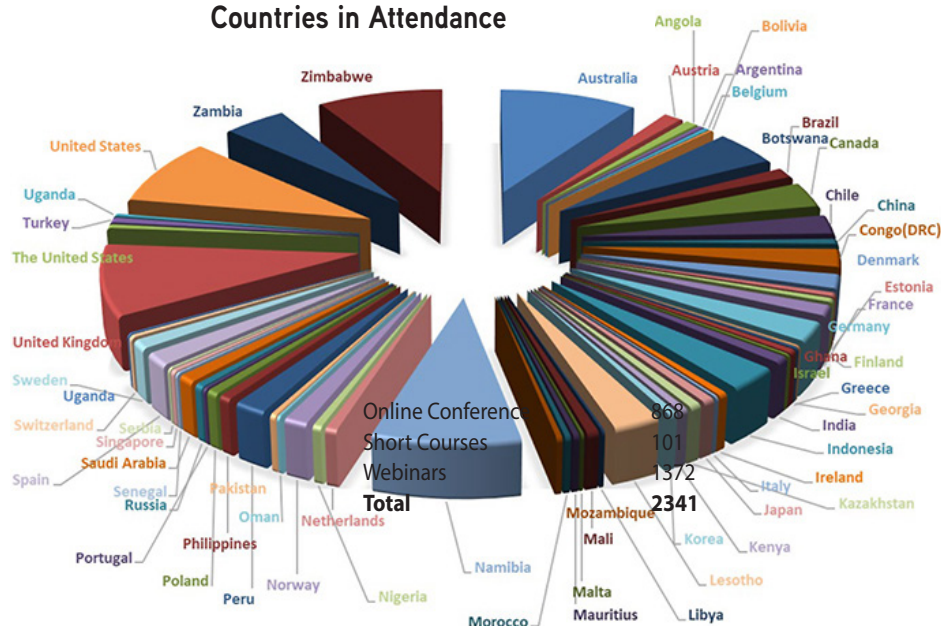


Figure 3 (Table on page 26)

Countries in Attendance

Australia	59	Georgia	1	Morocco	2	Serbia	1	Event Type	
Austria	8	Greece	1	Mozambique	2	Spain	10	Online Conference	11
Angola	5	Ghana	3	Namibia	50	Sweden	7	Short Courses	3
Argentina	2	Israel	1	Netherlands	4	Switzerland	2	Webinars	34
Belgium	2	India	5	Nigeria	3	Uganda	1	Total	48
Bolivia	1	Indonesia	18	Norway	8	United Kingdom	56		
Botswana	28	Ireland	3	Oman	1	The United States	3		
Brazil	8	Italy	1	Pakistan	2	Turkey	4		
Canada	20	Japan	4	Peru	11	Uganda	2		
Chile	15	Kazakhstan	4	Philippines	4	United States	53		
China	4	Kenya	3	Poland	4	Zambia	27		
Congo(DRC)	14	Korea	3	Portugal	1	Zimbabwe	54		
Denmark	11	Lesotho	16	Russia	3	Total	601		
Estonia	3	Libya	1	Saudi Arabia	6	South Africa	1740		
Finland	3	Mali	4	Senegal	1	Total	2341		
France	8	Malta	1	Singapore	2				
Germany	15	Mauritius	2						

To curb the mental, emotional, and muscle fatigue from screen time during this international COVID pandemic, the SAIMM Technical Programme digital, online programmes have been carefully structured around international time zones and optimal duration. The SAIMM Technical Programme webinar series has proven to be ideally suited for our delegates and makes up 71% of the programme offering (Figure 4). We look forward to welcoming you to our upcoming events:

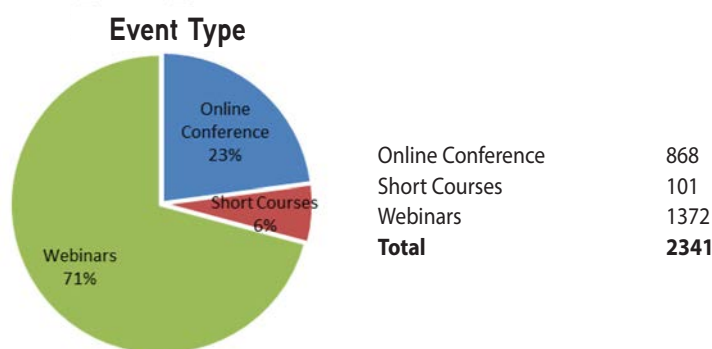


Figure 4

The conference programme for the last financial year is shown in the table on Page 27.

We look forward to welcome you to our upcoming events!

24–25 August 2022	Battery Materials Conference
1 September 2022	MCSA Webinar
5–6 September 2022	Implications of S-K1300 regulations and disclosures for dual-listed companies on the JSE
7 September 2022	Soft Skills Short Course: Data-based decision-making
8–14 September 2022	SOMP Conference and Technical Visits
15–16 September 2022	SDIMI Conference
28–29 September 2022	Symposium: Enhanced use of Thermodynamic Data in Metal Production (Project THANOS)
12–13 October 2022	AMD Conference
26 October 2022	Student Colloquium
2–3 November 2022	International PGM Conference
8–9 November 2022	SANCOT Symposium

All these initiatives and successes would not have been possible without our members. The TP, as always, wants to create a platform for innovation, collaboration, and knowledge sharing across all boundaries. In support of executing our mandate the SAIMM Technical Programme is pleased to announce that these programmes have received over R400 000 in sponsorship. Thank you to all our members and sponsors for your continued support.

As always, the TP mandate remains unchanged and we will continue to:

- Innovate
- Facilitate the dissemination of relevant knowledge and experience to the benefit of all SAIMM members and stakeholders

Schedule of Mining/Metallurgy Technical Conferences, 2021/2022

Type of Event	Date	Event	Convenor
Online Conferences			
Conference	28 July, 23 August 22 September 2021	Mineral Project Valuation Webinar Series	C. Birch
Conference	3–4 August 2021	DIMI Conference 2021	S. Ndlovu
Conference	16–17 August 2021	World Gold Hybrid Conference 2021	M. Barnard
Conference	29 August 4 September 2021	APCOM 202	C. Musingwini
Conference	20–21 September	5th Young Professionals Conference 2021	T. Mmola
Conference	18–20 October 2021	International Online Conference on Southern African Rare Earths 2021	E. Matinde
Conference	20–21 October 2021	New approach to tunnelling and underground risk Introduction to the FIDIC Emerald Book	M. Wainstein
Conference	25–29 October 2021	SAMCODES Conference 2021	K. Lomberg
Conference	15–26 November 2021	Global Tailings Standards and Opportunities for the Mine of the Future 2	A.S. Macfarlane
Conference	17 November 2021	Student Colloquium Online 2021	K. Letsoalo
Short Courses			
Short Course	23–24 February 2022	Drill and Blast Short Course 2022	S. Tose
Short Course	21–24 June 2022	Mine to Mill Reconciliation-Fundamentals and tools for Productivity - Improvement Short Course	A. Samal
Short Course	28–30 June 2022	Cut Off Grades Short Course 2022	R. Minnitt
Webinars- No convenors for Webinars			
Webinar	9 February 2022	Kinetics of pyrometallurgical processes - "It should go faster shouldn't it!	
Webinar	9 February 2022	Set yourself up for success in 2022	
Webinar	9 March 2022	Modelling of Slag Freeze Linings to Support Furnace Design and Operation	
Webinar	19 March 2021	Advanced Process Control for MMM – Control and Optimize Using Models and Data	
Webinar	23 March 2022	SANCOT -A Practical Guide to Rock Tunnelling	
Webinar	31 March 2022	Minerals Council of South Africa	
Webinar	6 April 2022	SADAC REE Producers' Forum	
Webinar	13 April 2022	The underrepresentation of technical women in executive and Board Roles	
Webinar	5 May 2022	Decoda -Finding the Pain Points in a Mining Production System Load and Haul	
Webinar	11 May 2022	Transitioning into your early career	
Webinar	11 May 2022	Integration of pitwall design into strategic open pit mine planning...	
Webinar	11 May 2022	Mentorship-	
Webinar	8 June 2022	ESGS Launch	
Webinar	8 June 2022	Fault Detection	
Webinar	8 June 2022	Working with Communities	
Webinar	15 June 2022	South Africa's Youth is the most valuable resource for the transformation	
Webinar	15 July 2021	A Live Demo Case Study	
Webinar	21 July 2021	PREMA MSc STUDENT PRESENTATION Decrepitation of South African Manganese ores during the pre-heating process in a rotary kiln	
Webinar	21 July 2021	Connected Industry Interview Divergent Thinking	
Webinar	27 July 2021	How ICT Tech Innovation Brings Digital Transformation to the Mining Industry	
Webinar	24 August 2021	Ferronickel Smelting	
Webinar	26 August 2021	Decision Analysis in the Minerals Industry	
Webinar	15 September 2021	Productivity in the Minerals Industry	
Webinar	21 September 2021	The benefits of consolidating your data to manage costs and reduce risks	
Webinar	30 September 2021	PREMA MSc Student -The effect of petrographically determined parameters on carbonaceous reductant	
Webinar	7 October 2021	The Economics of Mineral Projects	
Webinar	21 October 2021	PREMA Student Presentation Solar reflector soiling in the vicinity	
Webinar	28 October 2021	Robotics in Mining Delegate list	
Webinar	2 November 2021	The Good, the Bad, and the Ugly	
Webinar	4 November 2021	Minerals Council South Africa 3 (MineSafe)	
Webinar	9 November 2021	Using 24x7 IOT clean fuel monitoring to reduce fuel consumptions and scope 1 emissions	
Webinar	16 November 2021	UMoya Webinar Covid-19 as a Trigger for Innovation - Products, Business and Work	
Webinar		Recovering REE and Sc from industrial by-products The case of Bauxite Residue...	

- Facilitate independent fact-based discussion of topics of relevance to SAIMM members and stakeholders
- Foster collaboration in the interests of all our members and global stakeholders
- Encourage SAIMM members and our stakeholders to propose topics of interest for conferences or other events, and provide an independent platform for these events to be held
- Coordinate and support the events programme to ensure overall financial sustainability of the SAIMM.

2.3 International Tunnelling Association (ITA) and South African National Committee on Tunnelling (SANCOT)

G. Keyter (SANCOT – Chairperson – 2-year term)

J. Walls (SANCOT - Vice Chairperson)

P. Naidoo (Treasurer)

H.J. (Ron) Tluczek (Immediate Past Chairperson)

G. Charlie (Secretariat)

C. Jardine (Secretariat)

R. Freese (Liaison: SAIEG)

H. Jantzen (Membership and constitutional matters)

W.C. Joughin (Liaison: SAIMM)

M. Mohlabane (Lesotho Highlands representative)

N. Nene (SANCOT Young Members Group – Chairperson)

F. Pequeno (Sponsorship and marketing)

O. Rakumakoe (Liaison: SANIRE)

B. Swarts (Liaison: Mining)

Vacant (Publications)

M. Wainstein (Technical talks and year-end function)

C. Warren-Codrington (Liaison: SAICE Geotechnical Division)

Active (mature) members that will continue to support the new SANCOT committee include:

T.R. Stacey

G. Davis

J. Porter

D. Roos

P.H. Ferreira

M. Lebitsa

K. Jordaan

A. Widlake

J. Jansen

H. Wolfgang

I. Jacobs

International Congresses and Conferences 2022 – 2023

2–8 September 2022: World Tunnel Congress 2022 – Copenhagen, Denmark

12–15 September 2022: Eurock 2022 Conference – Helsinki, Finland

25–28 October 2022: 2nd International Conference 'Road Tunnel Operations and Safety' – Granada, Spain

29 May 2023: 15th International Conference on Underground Construction – Prague, Czech Republic

2–4 October 2023: 17th International Congress, AFTES 2023 'Underground Space at the Heart of Transitions'. – Paris, France

Recent ITA Working Group (WG) Publications

2021: Shafts – Definitions and Classifications, by WG 23 Design and Construction of Shafts

2021: Contractual Framework Checklist for Subsurface Construction Contracts, by WG 3 Contractual Practices

2020: Permanent Sprayed Concrete Linings, by WG 12 Sprayed Concrete Use

2020: Planning Health and Safety Risk Management for Underground Works, by WG 5 Health & Safety in Works

2021 General Assembly

The tunnelling industry gathered on 30 June 2021 in a virtual conference to hold the 47th General Assembly of ITA. It provided an occasion to share an overview of the main activities of the ITA, including progress updates and achievements of the various ITA Working Groups and Committees, and of future events. This was followed by a presentation of the ITA's updated strategy for 2020-2023, with the following five goals:

- Encourage Member Nations to actively develop and share technology, promote underground space, and be active in ITA
- Optimize the contribution of Working Groups and Committees through facilitating interaction with Member Nations and Sponsors, encouraging synergy, and deploying modern communication practices
- Encourage further knowledge sharing through education and training
- Enhance tunnelling and underground space awareness
- Improve communication with Member Nations, industry, and the general public.

The General Assembly also voted unanimously for the ITA's 50th General Assembly and WTC 2024 to take place in Shenzhen, China. Confirmed future WTCs therefore are:

- World Tunnel Congress 2022 'Underground Solutions for a World in Change', 2–8 September 2022, Copenhagen Denmark, <https://www.wtc2022.dk/>
- World Tunnel Congress 2023 'Expanding Underground: Knowledge and Passion to make a positive impact on the world', 12–18 May 2023, Athens, Greece, www.WTC2023.gr
- World Tunnel Congress 2024: 19 – 25 April 2024, Shenzhen, China.

International Tunnelling Association (ITA) News

The International Tunnelling and Underground Space Association (ITA) had planned to hold its 46th General Assembly along with the 2020 World Tunnel Congress (WTC) in Kuala Lumpur, Malaysia from 15 to 21 May 2020. However, due to COVID-19, this was cancelled.

The tunnelling industry gathered on 30 June 2021 in a virtual conference to hold the 47th General Assembly of ITA. This was the occasion for the worldwide NGO to give an overview on its main activities, list the main future events (Tunnelling Week), and review the achievements of the working groups. As planned, the updated strategy for the new three-year term was presented

The next annual meetings of the ITA General Assembly will be held at the following venues.

Copenhagen, Denmark, from 22 to 28 April 2022 during the ITA-AITES WTC 2022 'Underground Solutions for a World in Change'.

Athens, Greece, from 12 to 18 May 2023 during the ITA-AITES WTC 2023 'Expanding Underground: Knowledge and Passion to Make a Positive Impact on the World'.

Shenzhen, China, from 19 to 25 April 2024 during the ITA-AITES WTC 2024 and the 50th anniversary of ITA.

SANCOT News

Breakfast Talks

SANCOT's regular 'Breakfast Talks' were discontinued as a result of COVID restrictions. With all restrictions generally having been lifted now, there is scope to hold these technical talks again, to precede regular SANCOT meetings held on a 2 monthly basis.

SANCOT Management Committee Meetings

Management Committee meetings are held regularly on a 2-monthly cycle. Minutes of the meetings are available on request.

SANCOT Work Activities and Focus

Key focus points of SANCOT's work in 2022 include:

- Organizing SANCOT Symposium 2022 'Tunnel Boring in Civil Engineering and Mining', to be held in Stellenbosch in November 2022 – below for more information in this regard.
- Submitting a formal bid to host the World Tunnel Congress 2026 in Cape Town, following successful submission of an Expression of Interest to host the same at the end of February 2022 – see below for more information. SANCOT's bid for WTC 2026 is supported by several ITA Member Nations in Africa (Lesotho, Kenya, and Nigeria) and by the ITA's 'Focus on Africa' initiative.

Other activities include:

- Arranging and hosting of webinars
- Expanding our SANCOT membership base into Africa, and assisting other African nations to start up tunnelling societies and to become members of the ITA.

Organizing Committee: SANCOT Symposium 2022

G. Keyter, Chairperson

G. Charlie, SAIMM Secretariat

C. Jardine, SAIMM Secretariat

R. Freese

C. MacRobert (Liaison: University of Stellenbosch)

F. Pequenino

D. Roos

J. Venzke

M. Wainstein

Symposium Theme: Tunnel Boring in Civil Engineering and Mining

Dates: 7–8 November 2022

Venue: Wallenberg Conference Centre, Stellenbosch Institute for Advanced Study, University of Stellenbosch

Abstracts received and accepted: 14 including 2 keynote lectures

Technical visit planned: 2nd bore of the Huguenot Tunnel

Bid Committee: World Tunnel Congress 2026 in Cape Town

Organizing Committee

C. Warren-Codrington, Chairperson

G. Charlie, Secretariat

C. Jardine, Secretariat

N. Chittenden (Nominated SA representative at WTC 2022 in Copenhagen, Denmark)

G. Keyter

J. Walls

H.J. (Ron) Tluczek

Conference Theme: Sustainable Development of Underground Space in an Urbanizing World

Rising to the challenge: The role of underground space in shaping megacities of the future

Dates: 17–24 April 2026 | Alternative: 8–15 May 2026

Venue: Cape Town International Convention Centre

Participation in ITA / AITES Working Groups

H.J. (Ron) Tluczek (Vice-Animateur, Working Group 2 - Research)

G. Keyter (Member, Working Group 12 - Sprayed Concrete Use)

N. Nene (ITA Young Members Group)

M. Wainstein (Member, Working Group 21 - Life Cycle Asset Management)

3. Publications

R.M.S. Falcon, Chairperson

S.O. Bada	P.N. Neingo
R.D. Beck	M. Nicol*
P. den Hoed	S.S. Nyoni
I.M. Dikgwatlhe	M. Phasha
R. Dimitrakopoulos*	P. Pistorius
M. Dworzanowski*	P. Radcliffe
L. Falcon	N. Rampersad
B. Genc	Q.G. Reynolds
R.T. Jones	I. Robinson
W.C. Joughin	S.M. Rupprecht
A.J. Kinghorn	K.C. Sole
D.E.P. Klenam	A.J.S. Spearing*
H.M. Lodewijks	T.R. Stacey
D.F. Malan	E. Topal*
R. Mitra*	D. Tudor*
H. Möller	F.D.L. Uahengo
C. Musingwini	D. Vogt*
S. Ndlovu	

**International Advisory Board members*

3.1. Journal

The Publications Committee has had a busy and rewarding year. The most relevant points of change or development are listed below.

Function and management

The structure of the Committee was divided more formally into two:

- The **Publications Committee**, whose duties are to manage legal, financial, administrative, and strategic matters, and in so doing, to report to Council.
- The **Editorial Board's task** is to manage all aspects related to the publication of papers. Namely, to ensure the delivery of papers of higher quality, the appointment of specialist reviewers, to facilitate faster reviewing process times, and to recommend themes of specific interest to the SAIMM community.

Both groups meet together once a month. In essence, the Publications Committee members also serve on the Editorial Board, but the duties of the two 'portfolios' remain separate.

- **A relatively new initiative calling for themed editions was introduced. Four of the Journal editions that were produced in 2021/2022 were themed**, with Guest Editors assisting the Editorial Board to call for specialized papers and to propose reviewers within in those themes. Seven new themes are currently being considered for publication in the latter months of 2022 and in 2023.
- **The fields of interest being published in the Journal have expanded** to meet important new areas of interest, including environment, sustainability, and governance (ESG), digitization, and others.
- **The reviewer base has been increased** in order to meet the needs of the expanding areas of interest and the nature of the papers now being submitted.
- **A number of benefits for reviewers were agreed upon**, this being in keeping with the need to recognize and appreciate the time and effort being expounded by reviewers.
- **On average approximately 6 000 new visitors (xx% of the total) visit the SAIMM website monthly**, the highest proportion of which visit the Journal.
- **The Impact Factor of the journal has shown a modest increase this year.** The quality of the papers being published is of utmost importance.

Report on papers submitted for publication

Of the 71 papers published in 2021/2022, approximately 38% were from international sources. 278 new papers were received, and 218 papers were in the process of review.

A number of books covering a range of topics remains in varying stages of production. 'The Fall of a giant, the Story of the Disintegration of the South African Mining Industry' and 'Mining for Gold – The Story of COMRO' are close to completion.

The Editor and Editorial Board of the SAIMM are indebted to the extensive list of professional reviewers who undertake the onerous task of refereeing papers for the Journal. A considerable vote of gratitude is also due to the hard-working SAIMM Publications Manager, Kelly Matthee, the typesetter, Julie Malgas, and their team.

Journal programme for 2022/2023

2022

August 2022 – Coal Edition
 September 2022 – General papers Edition
 October 2022 – General papers Edition
 November 2022 – General papers Edition
 December 2022 – General papers Edition

2023

January 2023 – General papers Edition
 February 2023 – General papers Edition
 March 2023 – General papers Edition
 April 2023 – General papers Edition
 May 2023 – Pillar Design Edition
 June 2023 – PGM Edition
 July 2023 – Copper-Cobalt Edition
 August 2023 – Data Science Edition
 September 2023 – Energy Edition

Advertising

Advertising interest and support of the SAIMM Journal and the banner advertising on the SAIMM website were adversely affected by the uncertain global situation and unpredictable economic climate. Coming out of the pandemic lockdowns and restrictions:

- Advertisers' budgetary limitations were still very much in evidence
- There was a trend towards website and digital platform advertising because of cost-effective advantages
- Live conferences and events resumed towards the end of 2021, resulting in marketing spend being diverted to exhibitions and sponsorship
- Themed editions of the Journal were few due to the ASSAf regulations
- Other industry publications competing for advertising funds from this sector are still offering a print component and more commercial free add-ons.

Our well-supported editions for this fiscal year were:

June 2022 Tailings feature
 July 2021 Student Edition
 November 2021
 April 2022
 September 2021 Presidential Issue

Our most supportive advertiser, considering all elements of the relationship, is KSB Pumps, who also confirmed more placements and bigger exposure sizing compared with their previous bookings. The SAIMM Journal production team in turn was able to support the advertiser's marketing objectives to grow our partnership. The SAIMM rewards and acknowledges our advertising partners on the Journal page on the SAIMM website.

The SAIMM website advertising performed particularly well in this fiscal year, with revenue considerably higher than our previous three periods. Advertisers receive excellent 'click through' rates and renew their exposure here repeatedly as a result. A recruitment advertiser reported that their advert was especially effective at attracting the calibre of staff they required, due to the professional membership of the SAIMM.

While our next fiscal year is still subject to 'black swans', there are positive green shoots as we look to move towards a better business cycle.

4. Regional Development

Key Performance Areas

To promote the interests of members based in different regions, the SAIMM:

- Supports the establishment and maintenance of branches to satisfy the local needs of its members for professional association and the exchange of technical information
- Cooperates with other member societies of AS&TS and with associations and interest groups that have close ties with operating mines and metallurgical plants by holding joint technical meetings and collaborating in the field of publication.

4.1 SAIMM Branches

4.1.1 Botswana

The Botswana Branch will be re-established in 2022/2023.

List of Journal Referees

Acuna Enrique	Dikgwatlhe Pule	Lusilao Julien	Ross Victor
Addo Jr Emmanuel	Dimitrakopolous Roussos	Maepa Francisca	Rupprecht Steven
Afeni Busuyi	Doubra Parisa	Mahboob Mahsan	Rust Jeantelle
Afeni Thomas	Dougherty Heather	Malan Francois	Saka Abdul
Ajiboye Ayorinde	Du Plessis John	Mamvura Tirivaviri	Sandenbergh Roelf
Akbay Deniz	Du Toit Sean	Mangi Hassan	Sari Yuksel
Aldrich Chris	Dupuis Marc	Maritz Jannie	Saydam Serkan
Austin Mark	Dworzanowski Marek	Marriott John	Schoeman Liezl
Baartjes Neale	Dzogbewu Thywill	Marx Wynand	Schwartz Ian
Bada Samson	Edwards Anita	Mathey Markus	Seebregts Andrew
Barakos George	Emery Xavier	Matinde Elias	Selby John
Bartlett Hugh	Eric Rauf	Matsimbe Jabulani	Sellers Ewan
Bartlett Patrick	Erwee Markus	McGeorge Norman	Serwale Matsie
Bazhko Olga	Esterhuizen Essie	McQuillan Alison	Simonsen Henry
Becker Megan	Eyre Matthew	Mehmet Ozdogan	Soltani Faraz
Bester Marnus	Falcon Rosemary	Meintjies Adriaan	Spearing Sam
Bezhuidenhout Gerrie	Garbers-Craig Andrie	Mhlongo Emmanuel	Spies Linda
Bhalla Amit	Geldenhuys Isabel	Mitra Rudra	Spiteri William
Biffi Marco	Grimsey Eric	Mitri Hani	Stacey Thomas
Birch Clinton	Guest Alan	Mossop Desmond	Steenkamp Joalet
Birtles Andy	Hamman Emrich	Musingwini Cuthbert	Stripp Graham
Blaine Deborah	Hancox John	Mwamba Alain	Tadie Margreth
Bosman Jeremy	Handley Matthew	Naik Sandip	Tenreiro Francisco
Bradshaw Steven	Hattingh Rob	Napier John	Terbrugge Peter
Brand Johan	Heyns Stephan	Nasiri Mehdi	Tholana Tinashe
Brijraj Sahil	Hill Catherine	Ndlovu Selo	Torres-Cruz Luis
Butcher Richard	Hörtlorn Florian	Neingo Paskalia	Tranell Gabriella
Button Mark	Howell Graham	Nicol Michael	Tudor David
Campbell Quentin	Jacobsz SW	Nkwanyana Sandile	van der Merwe Nielen
Canbulat Ismet	Joughin William	Ntwampe Oupa	van Der Walt Freda
Carvill Phil	Kapageridis Ioannis	O'Connor Donald	van der Walt Jennifer
Coleman Tim	Kearsley Elsabe	Ojelede Matthew	van Niekerk Dirk
Copeland Andrew	Kinghorn Andrew	Onifade Moshood	Van Wyk Etienne
Cornish Lesley	Knottenbelt Peter	Ortiz Julian	Venter Julian
Costa Joao	Komurlu Eren	Ozdogan Mehmet	Viljoen Joeline
Coulson Nancy	Koppad Praveennath	Penkler Anthony	Vogt Declan
Cresswell Mark	Kotze Hanli	Petersen Jochen	Wagner Nikki
Cromarty Robert	Kumral Mustafa	Pistorius Pieter	Waqas Muhammad
Crundwell Frank	Lane Gary	Poxleitner Gary	Watson Bryan
Cunningham Claude	Language Brigitte	Priest Graham	Watson Ingrid
Cunningham Gordon	Limpitlaw Daniel	Prior Martin	Wertz Marcin
De Graaf Wolter	Llanca Jose	Prout Barry	Whyte Rodney
De Korte Johan	Lodewijks Henk	Prusek Stanislaw	Williams Orla
Debrah Akua	Lorig Loren	Radcliffe Peter	Woodhall Mike
Dempsey Paul	Loubser Maggie	Reynolds Quinn	Yavuz Mahmut
Den Hoed Paul	Luckos Adam	Rorke Antony	

4.1.2 Johannesburg Branch*

D.F. Jensen, Chairperson

K. Clarke	T. Mmola
Monica Cudjoe	M.K. Mtetwa
G. Dellas	S. Nhleko
C. Heili	N.A. Rampersad
R. Heins	S. Rupprecht
H. Jantzen	G. Stripp
A. Kinghorn	A. Wilkinson

4.1.3 Namibian Branch*

N.M. Namate, Chairperson

4.1.4 Northern Cape

J. Mans, Chairperson

A. Scullard, Deputy Chairperson

I. Tlhapi, Secretary

T. Masuku, Treasurer

F. Nieuwenhuys

B. Kumalo

I. Lute

K. Mashala*

N. Ngcobo*

*Co-opted members

Strategy

The strategy for 2021/2022 has been defined with specific focus areas while keeping to the vision and mission of the SAIMM. The main focus remains to try to enlist as many new members as possible to grow and diversify the Branch, acquire corporate support/sponsors from the surrounding mines, and reach the full extent of the SAIMM membership in the Northern Cape. The Branch is continuously trying to diversify its membership and include women on the Committee, host and present as many technical events as possible, and encourage participation in the national SAIMM programme by way of regular technical webinars.

Various lessons have been learned over the last few years and the following initiatives must be embraced by the new Committee:

- Send to all NC SAIMM members monthly updates on Branch and national events
- Distribute links to articles and the SAIMM Journal
- Try to distribute additional SAIMM literature *via* the mines in the area
- Host sponsored evening events with corporate sponsorship and technical presentations from the mining industry
- Include at least one site visit – mine and/ or plant - for the next term
- Hold more workshop sessions for the new committee with the national body
- Hold an introductory session with the GCSA as an association
 - Meet and greet with the GSSA Secretary
 - An invitation was extended to the GSSA for the year-end function of the Branch
- Hold an introductory sessions with the NCMMA and DMRE.

Membership

The Committee meets monthly to discuss progress in the execution of the vision and address any issues affecting the Branch. The new Committee will be elected during the Annual General Meeting on 21 July 2022.

The Northern Cape Branch currently has 40 registered delegates of which 62.5% are SAIMM Members, 35% are Associates, 2.5% are Fellows, and 2.5% are retired Members. Female representation is currently 7.5% of the total. An arduous effort is required to improve the total membership numbers.

During the last term, all Committee members were challenged to recruit at least five new members each. A survey was conducted by the secretary to determine the number of graduates/professionals in the Northern Cape to set realistic membership growth targets.

The previous Committee was made up of three females and six males. The two co-opted members assist the development of young professionals in the NC region through placement of unemployed graduates, organizing events aimed at the education of young people, and mentorship activities.

The Branch can only be as good as its affiliation with the national body. It is of the utmost importance for the Committee members to be involved with national activities to better align with the overall goal of the Institute and promote similar interests throughout the industry.

Activities

Branch-Sponsored Evening Events/Virtual Webinars

At this stage, the SAIMM NC Branch does not have the confidence that if we host the evening events, there will be enough people in attendance. Thus, not fulfilling the expectation of the sponsors to get the right crowds at these events and hence the committee took a unanimous decision to keep the evening events in their current format. By hosting events through sponsorships but not requesting money for hosting these events. This is currently the main stumbling block for events.

Site visits

Unfortunately, no site visits were accomplished due partly to the Covid-19 pandemic and inadequate liaison with surrounding mining houses (Events table listed on page 35).

Challenges

Membership recruitment and growth remain a challenge for the Branch. The geographical spread of mining activities and members also imposes difficulties regarding centrally hosted meetings and events. The aim would be to host events off-site from Kathu and rather at Kimberley, Gamsberg, Postmasburg, etc.

A practical approach to attain the following benefits is easily articulated but difficult to accomplish.

- Anticipate the needs of members and promote their interests
- Identify professional services that the Branch can render to members
- Deliver modern and topical knowledge as well as providing independent platforms for debate
- Offer professional mentoring and coaching of young working members
- Negotiate CPD points for locally hosted events.

Associations with the DMRE, NCMMA, and GCSA are being pursued for synergies and cooperation in the Northern Cape.

Members of new mining companies' engagement/ involvement to address through more frequent contact opportunities in line with the current drive to obtain more corporate sponsorships.

Branch Financial Independence

The SAIMM NC Branch performed well during the 2021/2022 term, particularly in executing planned activities, *i.e.* sponsored evening events, hosting the first student event, and incorporating co-opted YPC members to better represent that portion of the Institute.

The Northern Cape Branch has reached financial independence through strategic relationships with sponsors and is currently cash-positive. The branches are volunteering services and hence very few expenses were incurred.

4.1.5 Pretoria Branch*

S. Uludag, Chairperson

4.1.6 Western Cape Branch*

A.B. Nesbitt, Chairperson

M. Tadie, Treasurer

C. Pomario, Secretary

L. Bbosa

R.D. Beck

M. Becker

D. Deglon

C. Dorfling

A. Mainza

T. Moyo

T. Ojumu

J. Petersen

M. Solomon

4.1.7 Zambian Branch

D. Muma, Chairperson

C. Mwale, Vice Chairperson

W. Munalula, Treasurer/Secretary

C. Ngulube

H. Zimba

Sadly, Mr Darius Mumu passed on this year. Mr John Mutambo is the interim Chairperson while the Branch is being re-established.

4.1.8 Zimbabwean Branch*

C.P. Sadomba, Chairperson

O. Zvarevashe, Secretary/Vice Chairperson

W. Kutekwatekwa, Treasurer

M. Hungwe, Youth Development

A. Chinhava, Youth Development

Professor Dzinomwa

S. Gaihai

Professor Ityokumbul

S. Matutu

S. Ndiyamba

C. Tahwa

4.1.9 Zululand Branch*

C.W. Mienie, Chairperson

*No reports were submitted for 2021-2022.

Date	Topic
23 February 2022	<p><i>Sponsor:</i> Gravitas Minerals, Fraser Alexander, and MagQuip</p> <p>Advances in fine iron ore and manganese beneficiation technologies.</p> <p><i>Presenter:</i> Tebogo Kale, <i>Managing Partner, Gravitas Minerals</i></p> <p>This presentation focused on the latest beneficiation technologies and how to apply them to maximize recoveries of iron ore and manganese resources.</p> <p>Reducing the environmental risk of tailings storage facilities and the principle of dry-stacking</p> <p><i>Presenter:</i> Siduduzo Dladla, <i>Senior Technical Manager, Fraser Alexander</i></p> <p>Appropriate management of tailings storage facilities is needed to minimize the environmental impact while maximizing the mineral resource.</p> <p>Advances in dry magnetic beneficiation of iron ore and manganese</p> <p><i>Presenter:</i> Michael Flanagan, <i>Consultant Magnetic Separation, MagQuip</i></p> <p>In the Northern Cape Province BIF and manganese ores are in a water-scarce area. This has led to the investigation of dry processing techniques for their exploitation.</p>
27 October 2021	<p><i>Sponsor:</i> Deswik</p> <p>Process maps and MDM- How Deswik applications can assist with continuity in the mining industry</p> <p><i>Presenter:</i> Rike van Zyl</p> <p>In remote mining locations, it is often difficult to ensure continuity and proper handovers between departments due to high employee turnover and poor retention rates. The Deswik Mine Data Management application connects the technical departments in a chain of work procedures customized for each individual mine, commodity, and mining method. This ensures a complete audit trail and standardized procedures, allowing for quick and effective handovers and the onboarding of new team members.</p>
25 November 2021	<p><i>Sponsor:</i> SAIMM</p> <p>Branch Committee Year End Function</p> <p><i>Presenter:</i> W.J. Mans (Chairperson)</p> <p>Thank Committee members for their commitment thus far.</p> <ul style="list-style-type: none"> ➤ Word of encouragement for the remaining term ➤ Why GSSA is joining the year-end function (what we aim to achieve with the collaboration) ➤ Welcome the new two members (Khomotso Mashala and Nomfundo Ngcobo) and state what their function will be
2 February 2022	<p>Student/ Graduates in training Presentations</p> <p>The SAIMM has been organizing and presenting the annual National Student Colloquium since 2002 on a national level for various tertiary institutions to allow the final-year mining and metallurgical students to present their final-year projects to an audience of mining, geology, and metallurgical industry experts. The Northern Cape Branch intends to create a platform for the students of the various major and minor mining houses, industry partners, and contracting and consulting companies to highlight their talent directly to leaders of our industry in the area in which we operate.</p> <p>Co-opted members assisted in the preparations for the student event.</p> <p>Assmang provided the venue and food for the student event. Ukwazi, Minrom, and Afrimat provided financial sponsorship.</p>
21 July 2022	<p><i>Sponsor:</i> SAIMM</p> <p><i>Mining Expo:</i> Alignment and engagement with the national SAIMM is planned through hosting a stall at the mining expo as a predecessor to the AGM which will take place in the evening. Promotional material and membership forms will be available.</p> <p>Kathu Mining & Technical Exhibition, Hoërskool Kathu, 13h00-17h00</p>
21 July 2022	<p>Annual General Meeting (AGM)</p> <p>The AGM is again sponsored by Assmang</p> <p><i>Opening address and introduction:</i> Angelique Scullard (Deputy Chairperson)</p> <p>Legal Appointments – Is it a Burden or a Blessing?</p> <p><i>Presentation:</i> Jaco Swartz, Managing Director, <i>Legislative Compliance Specialists (Pty.) Ltd.</i></p> <p>Proposed amendments to Minerals Act Regulations Chapter 2: Responsibility. Current status, impacts and possible missed opportunities.</p> <ul style="list-style-type: none"> ➤ Chapter 2 of the MAR deals with the bulk of the operational and engineering appointments that are made on a mine. ➤ It reflects a historic approach to managing a mine through legal appointments based on an outdated model as applied to conventional, hard rock, underground mining, with some Regulations dating to the 1910s. ➤ It leads to some uncomfortable realities, e.g., engineers not being able to make appointments. ➤ Chapter 2 is currently being reviewed, with drafts having been published and comments being submitted ➤ What are the proposed changes? Will, this lead to more modern and realistic appointment structures? A safe working environment, and sufficient spending on creating this environment with the right skill-set. <p>Annual NC Branch report: W.J. Mans (Chairperson)</p> <p><i>Election process:</i> Kea Shumba (SAIMM Membership and Branch Liaison Administrator)</p> <p><i>Closing address:</i> New Chairperson</p>

5.1 APCOM

The following members comprise the Organizing Committee

C. Musingwini, Chairperson

C.E. Dohm	R. Mitra
G.R. Lane	T. Otto
P. Leeuw	D. Rose
M. Mabala	S. Uludag
L. Mai	M. Woodhall

The Organizing Committee is supported by the following members of the SAIMM Secretariat:

C. Jardine
G. Charlie
T. Letlhaku
N. Mamdoo

Overview of the APCOM International Symposium

The Application of Computers and Operations Research in the Mineral Industries (APCOM) is a series of international conferences which originated in the USA in the early 1960s. In 2021, the Southern African Institute of Mining and Metallurgy (SAIMM) was privileged to host the 40th APCOM International Symposium. The conference was held fully online due to restrictions imposed by the COVID-19 global pandemic protocols. The technical programme comprised seven international keynote speakers and 50 presentations, 47 of which were published as peer-reviewed papers in a Proceedings volume. The conference was accredited with three Continuing Professional Development (CPD) points by the Engineering Council of South Africa (ECSA) and recognized with Validation Number SAIMM01523. The APCOM Danie Krige Scholarship was awarded to Sezer Uludag at the University of Pretoria for her paper titled '*Application of System Dynamics Principles to Surface Mining Problems*' based on her PhD research. A total of 120 delegates from 19 different countries attended the Symposium over three days from 30 August – 1 September 2021 via the Zoom platform. Seven companies that supported the conference through sponsorship packages: Anglo American, AngloGold Ashanti, DetNet, Gold Fields, Gurobi, StoneThree and Visagio. The next two APCOMs will be hosted by the South Dakota School of Mines and Technology in Rapid City, South Dakota, USA from 11–14 June 2023 and the Australasian Institute of Mining and Metallurgy (AusIMM) in Australia in 2025.

International APCOM Council

An International Council provides oversight of APCOM. It comprises the following members:

Dr Winfred Assibey-Bonsu, Chairperson - Southern African Institute of Mining and Metallurgy, South Africa and Gold Fields Corporate Technical Services, Australia
Dr Ernest Baafi - Australasian Institute of Mining and Metallurgy, Australia
Dr Sukumar Bandopadhyay - Society for Mining, Metallurgy and Exploration, Inc., USA
Dr Andrea Brickey - South Dakota School of Mines & Technology, USA
Dr Kadri Dagdelen - Colorado School of Mines, USA
Dr Sean Dessureault - Mosaic, USA
Dr Roussos Dimitrakopoulos - McGill University, Canada
Dr Joao Felipe - Federal University of Rio Grande do Sul, Brazil
Dr Nelson Morales - University of Chile, Chile
Dr Christoph Mueller - MobileTronics-Silesia GmbH, Germany/Poland
Dr Cuthbert Musingwini - University of the Witwatersrand, South Africa
Dr Julian Ortiz - Queen's University, Canada
Dr Andrej Sublj - Institute of Mining, Geotechnology and Environment, Solvania
Dr Victor Tenorio - University of Arizona, USA
Dr Wang Yuehan - China University of Technology, Beijing, China

5.2 INFACON

R.T. Jones, Chairperson

I.J. Geldenhuys, Secretary General

The International Ferro-Alloys Congress (Infacon) was founded in South Africa in 1974 by the SAIMM, NIM (now Mintek), and the Ferro-Alloys Producers' Association (FAPA) when the first Infacon was held in Johannesburg. Infacon events are overseen by an international governance structure that is now known as the International Committee on Ferro-Alloys (ICFA), which has representation from major countries that produce and consume ferro-alloys. ICFA has the primary objectives of promoting the holding of the International Ferro-Alloys Congress every three years in appropriate locations around the world, and ensuring that the high technical standard of papers and presentations is maintained. Mintek provides the secretariat for ICFA.

Infacon is known as the premier technical conference serving the international ferro-alloys industry. Congresses have been held in twelve different countries around the world. Previous events have taken place in the following locations:

1974: Infacon I – Johannesburg, South Africa
1980: Infacon II – Lausanne, Switzerland
1983: Infacon III – Tokyo, Japan

1986:	Infacon IV – Rio de Janeiro, Brazil
1989:	Infacon V – New Orleans, USA
1992:	Infacon VI – Cape Town, South Africa
1995:	Infacon VII – Trondheim, Norway
1998:	Infacon VIII – Beijing, China
2001:	Infacon IX – Quebec City, Canada
2004:	Infacon X – Cape Town, South Africa
2007:	Infacon XI – New Delhi, India
2010:	Infacon XII – Helsinki, Finland
2013:	Infacon XIII – Almaty, Kazakhstan
2015:	Infacon XIV – Kyiv, Ukraine
2018:	Infacon XV – Cape Town, South Africa
2021:	Infacon XVI – Trondheim, Norway (virtual event)

The most recent congress, Infacon XVI, was held in Trondheim, Norway from 27–29 September 2021, and was chaired by Aud Nina Wærnes. There were 308 delegates from 29 countries, and 87 papers were presented. There was good coverage of Si, Mn, Cr, and Ni alloys, as well as a major focus on decreasing CO₂ emissions, with an emphasis on clean technologies and recycling. There was a clear consensus view that this is vital, and that the metallurgical industry is aware of its obligations to work towards its target of zero emissions. Infacon's great strength is the combination of industrial and academic perspectives on projects at all technology readiness levels.

Because of travel restrictions resulting from the global COVID-19 pandemic, the conference was held as a virtual (online) event. Participants clearly missed face-to-face interactions and the opportunity to see the natural beauty of Norway, but the event was successful nonetheless. One advantage of the online conference was that delegates could view the recorded presentations from parallel sessions instead of having to choose between simultaneous talks. The interactive question - and - answer sessions after the presentations generated many interesting discussions. The Norwegian organizing committee are to be congratulated for an excellent conference held under very difficult conditions, and thanks go to the sponsors for their valued support.

The next event in the series, Infacon XVII, is planned to be held in China in 2024, as this country is a very significant producer and consumer of ferro-alloys.

Infacon is set up on the principle that the sharing of technical information benefits the industry greatly. The publication of scientific and engineering work is vital. The Infacon series of congresses is well known for the quality of its papers, due largely to the considerable work that is put into reviewing papers. ICFA has a policy of making papers from all Infacon events, current and past, freely available via open access, and these are available online.

ICFA contacts:

Chairperson: Professor Rodney Jones rtjones@global.co.za
 Secretary General: Isabel Geldenhuys isabel@pyro.co.za
 Infacon website: <https://www.pyrometallurgy.co.za/Infacon/>

5.3 SAMCODES Standards Committee (SSC)

A. McDonald	Chairperson
S. Siwela (GSSA)	Deputy Chairperson
T. Marshall	Past Chair
S. Moolla	Administrator
A. Tshibubudze / L. Pieterse	CGS
Khangwelo Mphaphuli	DMRE
J. Witley	GASA
N. Wansbury	GSSA
B. Williamson	IASSA
A. Bals	IMSSA/ SAGC
A. de Bruyn	JSE
M. Booysen	Law Societies of South Africa
C. Teffo	MINCOSA
R. Ingram (Solid Minerals) A. Clay (Oil & Gas)	Readers Panel
K. Davies	SAICA
T. Steele-Schober	SAMESG
R.J. Dixon	SAIMM/ CRIRSCO
P. Dekker	SAMOG
K. Lomberg	SAMREC/CRIRSCO
A. Van Zyl	SAMVAL
<i>Observer Organizations</i>	
T. Mzobe	SACNASP
E. Nxumalo	ECSA
M. Kabai	FSCA

SAMCODES

Members of SSC

Organizations represented on the SAMCODES Standards Committee (SSC) and their nominated representatives as of May 2022 are set out above. The position of Chair of the SSC is a two year appointment, alternating between the Southern African Institute of Mining and Metallurgy (SAIMM) and Geological Society of South Africa (GSSA) as the two patrons. Andy McDonald took over as Chair on behalf of the SAIMM at the February 2022 meeting of the SSC. Dr Tania Marshall retired to the post of Past Chair. Mr Sifiso Siwela steps in as Deputy Chair on behalf of the GSSA, to take over the role of Chair in 2024.

There were a few changes in composition of the SSC during 2022:

- With Sifiso Siwela moving into the position of Deputy Chair, Nicole Wansbury assumed the role of representative for the GSSA.
- Khangwelo Mphaphuli replaced Sunday Mabaso as the DMRE representative.
- Dr Asinne Tshibubudze replaced Keabetswe Lehong as the CGS representative.
- ECSA appointed Edmund Nxumalo as their representative.
- Tobi Mzobe replaced Pradish Rampersadh and Gerda Botha as the SACNASP representative.

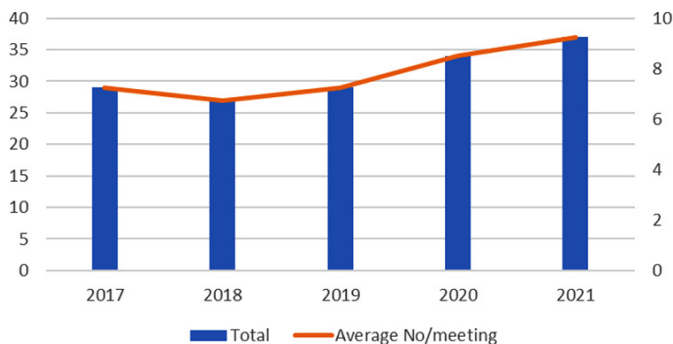
COVID-Beneficial?

This may seem an odd way to consider the COVID-19 pandemic.

As much as the pandemic has had a huge impact on business and life in general since March 2020, it has also had two significant benefits:

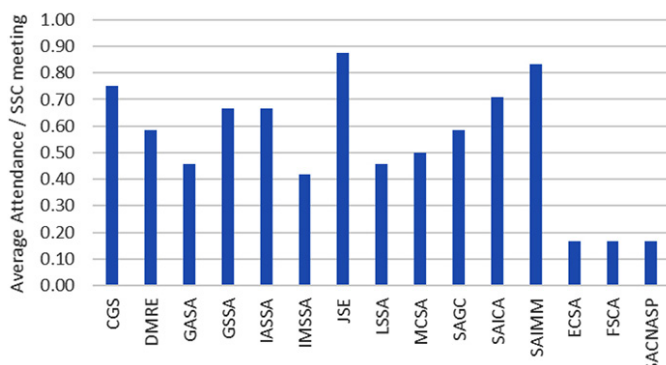
- It has catapulted everyone into the digital and online age
- As regards the SSC, I believe it has significantly improved the attendance and participation of organizations at SSC meetings (see graph below). It is far easier for representatives of the respective organizations to devote an hour to a virtual meeting than to contend with all the extra travel time to attend a physical meeting.

SSC Total Attendance (2017 to 2021)



An analysis of the average attendance by the member organizations at SSC meetings for 2017 to 2021 and February 2022 is shown in the graph below. The JSE has almost a perfect attendance record over this period, which emphasizes the importance with which the JSE regards the SAMCODES. The SAIMM and CGS follow with the next highest average attendances.

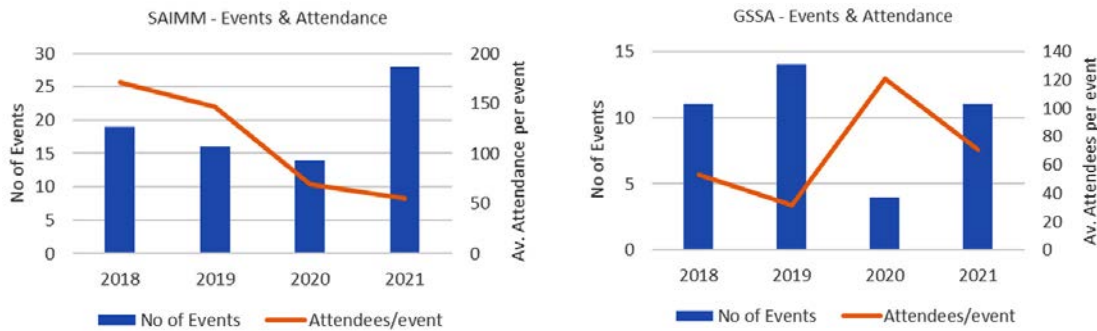
Average Organisation Attendance (2017 to Feb'22)



ECSA, FSCA, and SACNASP have observer status at the SSC and have requested not to attend meetings on a regular basis, but to be kept informed of SSC activities.

Education and Promotion

The number of events hosted by the SAIMM and GSSA and the average attendance per event during 2018 to 2021 are showed graphically on page 39.



Comments from the conference organizers provide some interesting insights into what influences attendance:

- Topics and speakers drive attendance more than cost. A free event does not mean more delegates.
- Half days spread over a few days do well, especially morning to lunchtime, but not over a few weeks as delegates lose interest, and the event loses its impact.
- Virtual events allow delegates to attend selected presentations without having to sit through a whole day's proceedings.
- Virtual events attract a more global audience including out-of-town delegates who would not otherwise have attended due to travel/accommodation costs.
- Topical issues or topics of increased relevance to industry participants attract better attendance.

The respective conference organizers are expecting improved attendance at events during 2022. The COVID-19 situation is still fluid, and it is uncertain which format many conferences will take in 2022 – the ongoing situation will be closely monitored in conjunction with the relevant conference/workshop organizer and decisions will be taken at the appropriate time, keeping in mind both the safety of delegates and the prevailing economic situation.

The SAMCODES committees have been involved in a limited number of presentations during 2021, all of which were held online.

- The primary event in 2021 was the two-day SAMESG Inquisition (10-11 October). It comprised a number of international and local speakers highlighting the growing importance of ESG to the minerals industry. Day two provided space for mining companies and consultants to have their say, with two lengthy panel discussions identifying the issues raised with respect to annual reporting and (CPRs). Much of this discussion was based on a survey that had been sent out to over 400 individuals in the mining industry, the results of which would inform how both SAMESG and, in due time, the SAMREC Code would be updated.
- The SAMCODES Conference was held in late 2021 as a virtual event due to the prevailing COVID-19 situation. It was well attended with a number of international speakers, which is the great advantage of online events.
- A number of short presentations have been prepared to highlight the importance of the SAMCODES to the investment brokers community, as well as the CGS, FSCA, and DMRE.
- The CPD workshops, while not directly related to SAMCODES training, are relevant to all CPs/CVs registered with SACNASP and/or the GSSA. These are held twice a year online.

Tania Marshall has worked tirelessly at making SAMCODES awareness part of the university curriculum. She has achieved this in two ways:

- The half-day introductory SAMCODES awareness workshop held in 2020 by Professor Steven Rupprecht has been made available free of charge to the Heads of Departments/Schools of Geoscience and Mining at all African universities to use in their teaching programmes.
- A course *Compliance and Reporting in the Minerals Industry (MINN7052A)*, part of the University of Witwatersrand Mining Engineering Department's postgraduate course for MSc students, was first held from 18 to 22 October 2021. This is scheduled to be held again during September 2022.

During 2022, the emphasis on education, training and promotion of the SAMCODES will be retained. Online/remote training is well-accepted and online or virtual courses will be held as far as possible to reduce costs. The *SAMCODES for Young Professionals* course presented by Professor Steven Rupprecht will be held on 30 June 2022. Other planned conferences which fall in the second half of 2022 include:

Key Activities 2021-2022

The SAMREC Committee (*Ken Lomborg, Chair*) has been involved in the following key activities.

- Rollout and application of the SAMCODES App on Android and Apple platforms. This was a highlight of the year and has led to many individuals accessing the codes *via* their phones.
- Discussion around the CRIRSCO definitions.
- Issues around the application of S-K 1300.
- Reviews of 'Independence', an issue raised by the JSE, which is considering requiring independent sign-off for new listings (and possibly material change documents).
- Issues around how to integrate environmental, social, and governance (ESG) requirements into SAMREC.

The planned activities for 2022 include:

- Plan to continue with Zoom meetings during this year due to COVID-19.

- The Committee will continue to meet quarterly. In addition to administrative aspects, it is planned to continue discussing technical issues at these meetings.
- The SAMCODES App continues to receive attention. Continued marketing with sponsorships is required.
- SAMREC will contribute to the SAMCODES courses to be held during 2022.
- The Committee will look for opportunities to contribute to the SAMCODES website.
- Continued involvement with CRIRSCO via Ken Lomborg and Roger Dixon.

The SAMVAL Committee (*Andrew van Zyl, Chair*) has been involved in the following key activities:

- Discussions around real and nominal financial models.
- Compilation of 'Guidance Notes' for the website.
- Discussion of how to attract additional corporate members.
- Reviews of 'Independence', in conjunction with the SAMREC Committee.
- Issues around how to integrate ESG requirements into SAMVAL.

The Planned activities for the SAMVAL Committee during 2022 include:

- Continue with Zoom meetings during this year due to COVID-19. However, we hope to begin to meet in the offices of various mining companies later in the year with the intention of facilitating their involvement in SAMVAL and increasing awareness of SAMVAL.
- Continue to meet quarterly. The current plan is to continue to address pertinent issues in valuation and focus on ethics.
- Introduction of members to the SAMCODES App with the intention that it becomes used regularly by members.
- SAMVAL will contribute to the SAMCODES courses to be held during 2022. There is no scheduled Mineral Valuation Colloquium this year but preparation for the next Colloquium will most likely begin later in 2022.
- Look for opportunities to contribute to the SAMCODES website.
- Continued involvement with IMVAL via Andrew van Zyl and Vaughn Duke. IMVAL meets quarterly and we will continue to attend these meetings. There is no scheduled in-person meeting in 2022.

The SAMOG Committee (*Peter Dekker, Chair*) has primarily been involved in the update of the SAMOG Code, based on issues developing from a review of the PRMS/COGEH reporting systems.

Planned activities during 2022 include the following.

- Currently the SAMOG Code is only used for listings of entities on the JSE or if the entity states that the reporting has been done in accordance with the SAMOG Code. The SAMOG Committee intends to commence discussions with the JSE to assess the possibilities of having the annual reporting also compliant with the SAMOG Code. This will require some changes to the JSE rules and adaptation of the SAMOG code.
- Will review the current codes to ensure they are aligned with the new PRMS guidelines. It is expected that both initiatives will be incorporated in a new version of the SAMOG Code.

The SAMESG Guideline Committee (*Teresa Steele-Schober, Chair*) has been involved in the following key activities:

- Sensitization of geoscientists and engineers to the importance of ESG issues in the minerals industry.
- Based on the results of an ESG inquisition held in August 2021, the SAMESG is involved in an update of the SAMESG Guidelines. A working group composed of representatives from the other Code Committees and various groups from industry has been established to identify the issues that need to be addressed, and to ensure that SAMESG 2.0 addresses all the stakeholder issues.

Objectives and planned activities for SAMESG Guideline Committee during 2022 include:

- The key focus for the SAMESG Committee this year is to contribute to the revision and update of the SAMESG Guidelines in conjunction with the SAMCODES ESG Working Group. Ensuring that the Guidelines evolve in response to the concerns raised during the GSSA ESG Inquisition (August 2021) is critical to provide the necessary direction and support to authors of Public Reports as they work to address the increasing demands of investors for ESG disclosures. The Chair and Vice Chair are members of the SAMCODES ESG Working Group.
- In parallel with this workstream, the SAMESG Chair is participating in the CRIRSCO ESG Subcommittee which has been established to provide recommendations to the CRIRSCO Executive on the integration of ESG into the Template. Many of the aspects being discussed at the CRIRSCO level are of relevance to the SAMESG Guidelines and *vice versa*.
- SAMESG continues to work with other NROs on ESG matters and will be peer reviewing the JORC update as part of these engagements. China has reached out to SAMESG for advice on ESG matters and it is hoped that these engagements will progress this year.
- The Committee continues to look for opportunities to socialize the SAMESG Guidelines and representatives will again be participating in GSSA and SAIMM events.
- The Committee will continue to provide input to the SAMCODES ESG Working Group, to identify the issues that need to be addressed and to ensure that SAMESG 2.0 addresses all the stakeholder issues.

The SAMCODES ESG Working Group (*Andy McDonald, Chair*) comprises representatives from the other code committees and from various industry groups. The first meeting of this Committee was held on 23 November 2021.

- Work streams continue to focus on:
 - Contextualizing the expectations of *inter alia* business, mining companies, investors, and regulatory bodies, e.g. JSE and DMRE –Tim Rowland, Seef Vermaak, Annalie de Bruyn, and Nicole Wansbury.

- Categorizing the findings from the ESG Inquisition and discussions into distinct topics relative to the objectives of the Working Group –Teresa Steele-Schober, Charlene Wrigley, and Maria Antoniadis.
- Distilling key conclusions and learnings from the ESG Inquisition and above work – Tania Marshall and Andy McDonald.
- Arising out of these workstreams, other planned activities include:
 - Compiling succinct documentation of findings and outcomes for wider circulation.
 - Formulating how to appraise and involve the broader mining and regulatory community.
 - Formulating the best use of the 8 November 2022 slot in the GSSA calendar.
 - Broad engagement with all stakeholders to compile guiding principles that would suit all users.

SAMCODES Website

Some trends from the past year:

- Almost 75% of visits were from new users.
- About 56% female users, an increase from 47% in the previous year.
- There are on average 25 users per day, a slight increase from the previous year.
- About 23% access the website from mobile devices, only a minor change from the previous year.
- Almost 50% access from Google search and 36% access site directly.
- 44% of users were under 34 years of age, with 19% of those 18-24 years old.
- Half of users located in Africa, primarily in South Africa (40% of total). Other users from the USA (12%), Australia, India, the UK, Zimbabwe (all 3%), Canada, China, France, and Finland (all 2%).

International Developments

CRIRSCO: Ken Lomberg was the CRIRSCO Chair for 2020/2021. Edson Ribeiro, from the CBRR (Brazil) succeeded Ken as Chairperson for the 2021/2022 period. The 2021 Annual Meeting was held virtually during October, with SAIMM being the Secretariat. The meeting comprised six three hour sessions. Each NRO was allowed to nominate four additional observers and they were invited to observe three of the six sessions, namely the report-back session, some of the business aspect; and a technical session. The SSC Chair, SSC Deputy Chair, SAMREC Deputy Chair, and the GSSA representative on SAMREC were nominated as observers from SAMREC. The 2022 Annual Meeting is planned for some time in Q3. It is hoped to be a contact meeting in Brazil, if possible. If not, it will be a virtual meeting again.

The progress of IMVAL remains slow. Andrew van Zyl is the SAMVAL representative on IMVAL, with Vaughn Duke as the alternative.

The UNECE/UNFC continues to drive the evolution of national reporting for governmental inventory. Roger Dixon represents CRIRSCO on this committee as an observer member. Current proposals are around creating national and/or regional centres of excellence and the development of a certification system for 'Competent Persons'. Dr Marshall is on the international committee dealing with this. In late 2021, the term Competent Person was dropped in favour of the term 'Qualified Expert', which retains some similarity with CP, but cannot easily be confused with CRIRSCO requirements.

The Pan-European Standard for the Public Reporting of Exploration Results, Mineral Resources and Mineral Reserves as compiled by the Pan-European Reserves and Resources Committee (PERC) was issued on 1 October 2021. The 2021 PERC edition is aligned with the CRIRSCO International Reporting Template (2019) and its definitions. It includes a checklist Table I similar to that appearing in the SAMREC Code (2016), with the addition of specific ESG criteria in the assessment of Reasonable Prospects of Eventual Economic Extraction (RPEEE), estimation and reporting of Reserves, and a dedicated section within technical studies. This approach to ESG reporting is being evaluated by the ESG Working Group for possible incorporation into the SAMCODES.

The two professional parent bodies of JORC (the AusIMM and AIG) commissioned a study on the status and requirements of Competent Persons in Australasia. We provided feedback on SAMREC requirements relative to a comparative table of the requirements of all CRIRSCO members. The ASIC/ASX is requesting the various associations to take a more active role in the registration and monitoring of Competent Persons, as well as monitoring the standard of Public Reports (similar to how the JSE uses the Readers Panel).

The Abu Dhabi Global Market (ADGM) issued a Consultation Paper seeking comments with respect to their planned inclusion of the SAMREC Code as one of its Mining Reporting Standards (also to include JORC and NI 43-101). We provided feedback on various documents setting out disclosure requirements for mining entities in terms of the Mining Reporting Standard. We pointed out that the ADGM's Valuation Standard did not specify which Reporting Codes are to be used and the SAMVAL, VALMIN and CIMVAL codes shall be included as the basis. In addition, we advised that valuation of mineral properties should follow best practice as set out in these three valuation codes, rather be limited to a cash flow analysis only.

Other

During March 2021, the Engineering Council of South Africa (ECSA) gazetted a Board Notice on the Identification of Engineering Work (IDoEW). A number of queries arose with respect to the reservation of work identified within the Mining Engineering discipline (Clauses 11, 12 14) and how this might affect persons registered as a professional with other Councils or professional bodies. Following representations by various professional organizations and comments from SACNASP's legal team, a revised draft of the IDoEW was circulated on 9 February 2022. This recent version removes the need for dual registration for individuals registered with SACNASP and SAGC, but does not cover individuals who are members of professional organizations, such as SAIMM and IMSSA. We continue to monitor these developments closely, and membership will be advised of developments in due course.

Although a 'sponsorship' page has been added to the website, no enquiries have been received (other than for the SAMREC App). It is thought that the main reason for this lack of interest is the economic situation brought about by the COVID-19 pandemic.

No complaints have been received at the SSC during 2021/2022. This cannot be seen as indicating that public documents are perfect; it indicates

rather the apathy of readers who are not prepared to lodge a formal complaint when it appears that few complaints have resulted in formal censure. The JSE prohibits members of the Readers Panel from lodging complaints about the documents that they review prior to them becoming public. There is also a tendency for consultants not to lodge complaints to avoid any professional backlash.

6. Management and Administration

Portfolio Holder: I.J. Geldenhuys

The Secretariat consists of:

Sam Moolla (Manager)
 Gugu Charlie (Conference Coordinator)
 Camielah Jardine (Head of Conferencing)
 Tshepiso Letlhaku (Conference Secretary)
 Dennis Makondesa (Accountant)
 Portia Malatji (Accounts Assistant)
 Zuliakha Malgas (Desktop Operator)
 Nazli Mamdoo (Conference Publications Coordinator)
 Kelly Matthee (Journal Coordinator)
 Yonela Ndzandza (Communications Intern)
 Prudence Ntumeleng (Membership Assistant)
 Keabetswe Shumba (Membership and Branch Liaison Administrator)
 Tsholo Sole (Membership Assistant)

We have not had any changes to the team over the last year. We continued working from home during the year and managed to resolve all technical challenges that were experienced in 2020/2021. We continue to have regular wellness checks and team meetings, which has ensured that we remain connected. Our focus for the next year is to continue our goal of become more cohesive and agile. We have also moved to new offices in Rosebank, Johannesburg courtesy of the Minerals Council South Africa, and while we still work remotely most of the time, everyone goes into the office at least one day per week.

The members, Council, Office Bearers, and all other committees are grateful to the team for their willingness to adapt to all the changes in the last two years while still delivering the high quality of work that they are known for.

6.1 Finance

Portfolio Holder: W. Joughin, Honorary Treasurer

Overview

The financials for the Year Ending (YE) June 2022 have improved slightly as the institute has adapted to online conferences. The important figures from the Financial Statements are provided below:

Heading	2022	2021	%
Assets	R33.1M	R32.2M	2.8
Equity	R32.0M	R30.8M	3.8
Liabilities	R1.1M	R 1.4M	-24
Revenue	R8.1M	R4.6M	55.1
Cost of Sales	R2.5M	R 2.9M	-14.8
Operating Exp	R7.0M	R 5.9M	18.6
Surplus/deficit	R-0.4M	R-2.7M	-85.2
Investments	R1.6M	R6.5M	-75.4
Net Position	R1.2M	R3.8M	-68.4

It shows that we have recorded:

- A 55% year on year increase in income
- A significant increase in expenditure
- A deficit of -0.4M
- A net position of R1.2M.

Income

Income increased to R8.1M, as more conferences were held during the year. All of them were online conferences.



The graph illustrates how dependent this institute is on generating income through our Technical Programme Committees (TPCs). The current strategy to address this situation is to implement corporate partnerships, which will increase the contribution from membership fees. During the financial year, one corporate partnership (R0.5M) was finalized. Negotiations with other potential corporate partners is ongoing.

Expenditure

Operating expenses increased by 14.8%, from last year's figure of R5.9M to R7M in the last financial year. This was mainly due to a greater write-off of bad debts.



Cash flow management

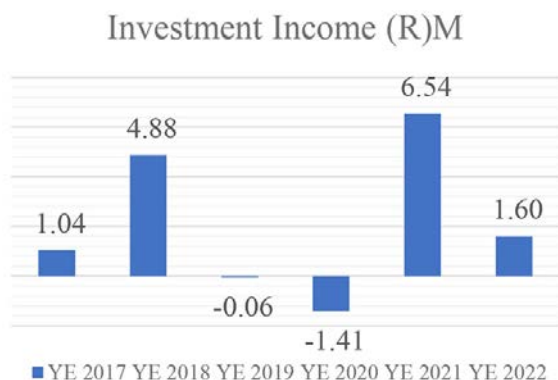
Total trade and other receivables grew from R0.7M in 2021 to R1.6M in 2022 and all of this is money owed from upcoming conferences.

The Institute is still on a drive to reduce expenditure and at the same time improve our collections from debtors to keep the Institute in a very solvent state. The drawdown from the AFC fund was limited to R2.5M, which was only required in March 2021.

Future revenue looks more positive. COVID-19 restrictions have been eased and we will be commencing our contact conferences starting from the beginning of the new financial year.

Investment Portfolio

These savings are in an investment portfolio, which performed unexpectedly well, due to buoyant markets. Income from dividends was R1.6M. The investment increased significantly during the year.



The YE June 2022 closing balance was R30.1M; a slight increase of R1M since last year after:

- Income from dividends of R1.6 million
- A drawdown of R2.5 million.

This latest drawdown brings the total amount used from savings over the past eight financial years to R22.5M.

Non-TPC Activities

The revenue and costs linked to non TPC related activities are presented in the table below.

Area	Revenue (R)M	Cost (R)M
Journal and Advertising	~0.3	~1.2
Membership and Admin.	~4.0	~7.0
Annual Banquet	~0.0	~0.0
Branch activities	~0.04	~0.01

Advertising revenue continues to drop and income from subscriptions remained constant. 402 members were removed from our membership register due to non-payments. We now have 2035 paying members.

Expenses on member benefits included:

- Subscription to the Technical Library
- Subscription to OneMine Org
- Sponsoring the Student Colloquium
- Our share of SAMREC/SAMVAL, and
- Subscription to GMPA.

Closing

I wish to thank Sam Moolla your Office Manager, her accountant, Dennis Makondesa and all of the SAIMM staff for their hard work.

I also appreciate the contribution of our Auditor, Genesis Chartered Accountants and thank them for their services over the past twelve months.

Finally, we must not forget the contribution from Dee Campourogrou who manages our investment portfolio. She has materially grown our investment savings over the years and we thank her for this.

New Members

Members

J.D. Ackermann, F.O. Aramide, S.J. Archer, M.C. Bahome, V. Bailey, D. Benson, A. Berghorst, B. Besa, B.J. Brahmapuri Janakiram, M. Carlos, C.G. Chasaya, C. Chilufya, T. Chinhengo, H. Chiswaswa, W. Chitate, B.R. Crompton, E. de Villiers, K. Diksha, M.S. Dzimba, Y. Fan, J. Gnoinski, T.L. Grewar, B. Gwavava, M.H. Hanson, G. Hawlitschek, M.T. Hlangabeza Khumalo, H. Joubert, J.C. Kanku, M.K.M. Kaonda, J. Kapobe, B.T. Katiyo, L.Q. Kebatsetse, P. Kegaisitse, J.M. Koorts, S.G. Lavery, J.W.D. Lumb, G.C. Luzendu, T.E. Magama, J. Makgatho, L.P. Makhubu, N.B. Maledi, B. Mamogale, T.R. Marshall, J. Masua, J. Meadows, P.B. Moletsane, Z.C. Msimang, J. Mufara, B. Muleya, J.B. Mulunda, O. Munachoonga, P.N.C. Mutsinya, I. Muzinda, E. Mwampokota, D. Naidoo, P. Ngwenya, F.C. Nieuwenhuys, P. Nkhwalume, L. Noveve, J.O. Okeniyi, T.T. Phakathi, R.T. Rakotomalala, N. Rampersad, P. Selema, K.S. Shandavu, B.B. Sithole, W. Tsanulani, E. Vascotto, D. Zeelie, A. Zezekwa, W.H. Black, E.R. Brümmer, J. Deacon, O. Mahenga, S. Mulonda, R. Reddy.

Associates

K.A. Clarke, G.G. Dembetembe, H.R. Muhali, A.P. Ogunode, R.A. Wildenboer, S. Biswas, S.L. Burger, R. L. Chosi, N.H. Dire, N.Z. Dzimunya, B.R. Hietbrink, C. Mazala, H.T. Mushonga, R. Nyirenda, R. Phiri, L.P. Tsibane, U. Hall, M. Lekobotja, T.V. Mwayi, J. Scholtz, M.S. Gerke, T.R. Monepya, M.F. Msibi, T.L. Mathevela, C. Chivazve, L. Ranieri, K. Dzwiti, K. Basvi, T. Masuku, K.A. Shame, S. Soqinase, V. Zitsenga, R.L. Sakaran, A.M. Le Grange, P.J.A. Bezuidenhout, N. Chipilingu, M.A. Mello, K.V. Morudu, J.J. Munnik, C. Swart, R.G. van der Colff.

Associates from Conferences

M.M.N. Amwaama, M.N. Amwele, H.Z. Bakare, W. Botha, B. Bowman, N.G. Chauke, S.T. Chingowe, C. Chipare, T.K. Chivese, H.P. De Wet, M.B. Dlane, C. Dobola, C.R. Eimann, M. Ferentinou, J.M. Githiria, J.H. Goosen, E.D.C. Hingston, P. Kaluzi, T. Lebeta, R. Leo, S.M. Mabaso, N.G. Mafurutu, C. Mahanyele, K. Mahuma, B. Makichi, T. Mapaura, T. Masango Chabiamupeu, M. Mathuthu, B. Matoba, E.O. Mensah, C. Mhindu, N.D. Mokhe, U. Mokoena, P. Moleko-Boyce.

Students

S.N.N. Akawa, B.T. Amadhila, O.S. Aron, N. Bakasa, T.P. Baloi, H. Baloyi, L.R. Baloyi, S.B. Baloyi, M.T. Banda, N. Bhebhe, H. Bhudhe, L.V. Chambara, S.C. Chanda, A. Chapfika, X.V. Chauke, R. Chauke, A. Chazarira, I.S. Chenjera, L. Chidanhika, K. Chifamba, P. Chifura, N.C. Chikonye, A.M. Chimombe, A.A.V. Chioreso, B.K. Chipunza, T.B. Chiura, K.P. Chivamba, T. Chivlera, A.A. Chiwara, L.M. Choma, B.K.S. Cidibi, L.M. Daobanes, J.N. Dlamini, M.M. Dlamini, E. Duve, V.S. Dzarira, R. Fombe, T.F. Gabashane, G.R. Gariseb, N. Gina, B. Godama, T.I. Gota, T.J. Gotore, Z.P. Gqweta, T.E. Gumede, H.A. Gumede, A.T. Guzha, S.L. Hadebe, M. Hlongwa, S. Hove, A. Ile, C. Kamonja, A.T. Kapuma, J.N. Kayembe, N. Kekana, D. Kganane, M.M. Khodumo, M.K. Khoele, R.B. Khosa, A.T. Khoza, K.S. Khumalo, F.C. Khupe, M. Kombora, N.J. Kopanye, R.S. Kupa, W.D. Kureya, A.H. Kusano, T. Kuvarega, H.A. Laewamo, K.K. Langa, O. Laquela, P.D. R.M. Lekaka, M.T. Lekhuleni, M.M. Lekwadu, R.J. Lerotholi, N. Lesoga, M. Letsoalo, G. Lunga, O.M. Luvhengo, S.T. Mabaso, M.D. Mabelane, T. Maboko, T.S.I. Mabuo, M. Madihlaba, N. Madlala, W. Madyambwa, T. Maera, D. Mafukidze, N. Mafumo, B.N. Mahlangu, R.N. Mahlangu, S.T. Makazhe, G.S. Malefo, F.S. Maluleke, M.B. Mampuya, T. Mangope, P. Manika, H.D. Mantsonyane, K. Manyelo, T.D. Mapfumo, A. Maqude, R.M. Marume, N.S. Masango, N.L. Maseko, P.M. Mashaba, K.K. Mashifane, M.J. Mashilo, M.E. Masinga, O.N. Masirika, R. Masuvhelele, G. Masvanhise, L.N. Maswanganye, M.T. Maswaya, C.M. Matete, D.C. Mathaba, P.N. Mathabatha, M.D. Matlakala, N.J. Matsimane, R.T. Matsokotere, M. Mavenkere, A. Mawango, N. Mawela, S.N. Mayisa, A. Mbiri, L.N. Mbiza, F.M.N. Mfeka, Y.A. Mgwebi, S. Michaels, K.E. Mochologi, T.M. Mohale, M.E. Moitsi, K.M. Mojalefa, T. Mokgomola, Q.M.P. Mokgopo, D.M. Molefe, G.M. Molepo, N.C. Moloi, A.G. Moloto, K. Monene, M.R. Morajane, T.E. Morakile, R.P. Moreki, E.O. Mosako, L.A. Mosima, P.W. Motshegare, P.D. Motsoane, D.C. Moyaha, A.T. Moyo, R.Q. Mphahlele,

M.P. Mphaphathi, T. Mphephu, A. Mponya, A.A. Mqoqi, K. Msibi, L.N. Msipha, H.J. Msweli, S. Matabikwa, S.S. Mthanti, C. Mtombo, B.T. Mtungwa, J.A. Muchemwa, B.J. Mudema, R.Y. Mudereri, G.N. Mudzembweh, T. Mugova, M.T. Mukubonda, M.C. Mulala, K. Munyai, T. Mupambwi, M.R. Mupini, C.S. Mupudzi, I.S. Murove, B.T. Murowanidzwa, R.L. Mutepe, R. Mutsiwa, G. Mutukura, G. Muzamba, C. Muziringa, B. Mvindo, B. Mwewa, S. Mxhonywa, F.P.N. Nampweya, M.M. Napo, P.H.V. Ncube, P. Ncube, T. Ncube, V. Ncube, O. Ndabangaye, C. Ndebele, S.M. Ndebele, T. Neka, S.B. Nemaramba, N. Netshaulu, K. Ngani, S.P. Ngidi, T. Ngoben, R.E. Ngoveni, T.T. Ngwenya, K.D. Nhongo, S. Nkabinde, B. Nkoana, P.C. Nkogatse, M. Nkopodi, N.G. Nkosi, S. Nkunkuma, P.R. Nyoni, S.K. Nzimande, T.J. Olaniyi, B.T. Pamire, P. Pedzisi, R.R. Phahlane, M.M.K. Phetla, M.K. Phiri, D.J. Poopedi, P. Pudikabekwa, C.K.S. Ramafoko, E. Ramohlale, M. Ramudzwagi, S. Ramusi, P.J. Raolane, L.A. Raphala, G.D. Raselabe, K.T. Rathupetsane, A. Ratshalingwa, T.R. Sadomba, M.E. Sebola, L. Sekwati, K. Seotsanyana, K. Serumula, S.S. Shabangu, T. Shabangu, D. Shabangu, E.I. Shawelaka, N. Shindi, M. Shirinda, L. Shoko, C.T. Shumba, M.W. Siaga, B. Sibanda, M. Sibanda, V. Sibanda, T.M. Sigauke, M.C. Simango, T. Simango, M.L. Sithole, R.S. Tadzavshe, B.D. Tandana, B.T. Taruwedzera, R. Thanyani, T.K. Thathane, A.T. Thela, T. Thlomani, I.S. Thusi, T.J.N. Tladi, P.M.G. Tlhabi, D.K. Togara, K.M. Tshegameno, O.M.R. Tshipa, M.C. Umba, E.O. Umeh, D. Viljoen, T. Witbooi, M. Xulu, K.L. Youlton, N. Zhou, A. Zimema, L. Zulu, M.K. Zulu, W. Zvangayidza.

Resignations

Fellows

M. Ram Reddi, D.M. Walters, P.D. Scott, J. Dixon, J.P. Bloemsma.

Members

M.L. Petrick, N.C. Barnard, L. Sherman, U. Drews, C.M. Digby, M.E. Berger, N.T. Middleton, L.P.V. De Villiers, M. Stewart, L.S. Maphaha, N. Reddy, M.S. Hunt, B. Elezaj, K.T. Luden, R. Khatri, D. Shah, B. Mulcahy, C. du Plessis, E.R. Els, S.B. Mbonani, K. Nkole.

Associates

D. Govender, E.N. Nkwamba, E.L. De Beer, L.E. Lottering, A. Sowards, T. Pillay, E. Moodley, M.S. Motlhabane, C.B. Masango, R.L. Mojela, B. Schoevaerts, M.T. Mamina, O. Biribauer, L.B. Sekhokoane, G. Panopoulos, G.M. Pearson, C.F. Vos, W.V. Aarde, G. Panopoulos, D.J. Robinson, A. van der Westhuizen.

Retired Fellow

J.P. Deetlefs, I.P. Douglas.

Company Affiliates

Bell Equipment Limited, SMS group Technical Services South Africa (Pty) Ltd, Goba (Pty) Ltd.

Members transferred to Higher Grade

Transfer from Member to Fellow

M.J. Burnett, W. Assibey-Bonsu, E.R. Klue, M. Mostert, B. Genc, H. Jacobs, M.F. Breed, D.R. De Wit, N. Singh.

Transfer from Associate to Member

W.H. Pretorius, M. Baxter, R. Minango, P.F. de Almeida Hopp.

Transfer from Student to Associate

A.P. Mlombo, D.L. Mckay, C. Mwachikorera, A.T. Nhapi, T.W. Gwishiri.

Transfer from Student to Member

C.E. Dekker.

Transfer from Retired Fellow to Fellow

E.J. de Jager.

Members who retired

Fellows

M.A. Ford, S.P. Moulton, B. Prout, R.G. Wadley, D.R. Betton, J.A. Johnson, E.J. Magri, L.G.D. Napier, M.R. Sharpe, J.C. Steenkamp, M.A.J. Button, S.M. Gould, P.R.S. van Dorssen, I. Matunhire, C.T. Morley, A.W. Dougall, C. Van Zyl, F.W. Taylor, P.A. Townsend.

Members

M.J. Boylett, T.R. Curr, P.P. Jourdan, S. Wade, R.I. Skelton, F.T. Kruger, M.A. Smith, D.A.J. Starley, N. Wilson, P.M. Craven, P. Roger, D.S. Du Toit van den Bergh, R.J. van der Schyff, J.A. Richards, A.G.W. Knock, R.J. van der Schyff, M.H.G. Heyns, J.P.W. Fisher, J.F. Kotze, R. Roux.

Members who were re-admitted

Re-admitted as a Member

R.J. Mostert, S.K. Makuza, P.L. Sibiya, H. Mutonowana, T. Punzul, M.T. Hlambelo, A. Lubbe, S. Monnanyana, K.I. Phalakatshele, W.H. Pretorius, D.P. Roberts, M.E.M. Mahlambi, Z. Setete, J. Winnan, F.K. Mduli, R.E.L. Pobe, F. Kwangwari.

Re-admitted as an Associate

K.T. Kekana, T. Matabane, M. Ravhura, S.F. Manjengwa, M. Munkombwe.

Re-admitted as a Student

M.C. Apua.

Members who were re-instated

Re-instated as a Member

A.M. Berejena, M. Mahlangu, D.S. Mathebula, L.B. Mukumbi, M.M. Motloung, J.M. Musasaidzwa, E. Mnisi.

Re-instated as an Associate

G.A. Khonkhobe, F.J.J. Fourie, M. C. Moyo, T. Macha, S.V. Mkhathshwa, J.M. Snyman, T. Nyazaya, M. Pelsner.

Deceased

Members

D.J. Bradshaw, M. Salamon, K. McMillan, D.J. Bradshaw, M. Salamon, K. McMillan, D.J. Bradshaw.

Retired Members

J.M. Fowlds.

Honorary Life Fellows

O.K.H. Steffen.

Associates

R. Sirwali. ◆

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THE SOUTHERN AFRICAN INSTITUTE OF MINING AND METALLURGY
ANNUAL FINANCIAL STATEMENTS
FOR THE YEAR ENDED 30 JUNE 2022

The Southern African Institute of Mining and Metallurgy

Annual Financial Statements for the year ended 30 June 2022

General Information

Country of incorporation and domicile	South Africa
Nature of business and principal activities	The Southern African Institute of Mining and Metallurgy is a professional institute with local and international links aimed at assisting members to source information about technological developments in the mining, metallurgy and related sectors. This non-profit entity operates in South Africa.
Office bearers	I.J. Geldenhuys Z. Botha W.C. Joughin Dr E. Matinde G.R Lane V.G. Duke
Registered office	7th Floor Rosebank Towers 19 Biermann Avenue Rosebank 2196
Postal address	PO Box 61127 Marshalltown Johannesburg Gauteng 2107
Auditors	Genesis Chartered Accountants Chartered Accountants (SA) Registered Auditors
Level of assurance	These annual financial statements have been audited in compliance with the applicable requirements of the Constitution.
Preparer	The annual financial statements were independently compiled by: J Den Drijver CA(SA)

The Southern African Institute of Mining and Metallurgy

Annual Financial Statements for the year ended 30 June 2022

Contents

The reports and statements set out below comprise the annual financial statements presented to the members:

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The following supplementary information does not form part of the annual financial statements and is unaudited:

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The Southern African Institute of Mining and Metallurgy

Annual Financial Statements for the year ended 30 June 2022

Office Bearers' Responsibilities and Approval

The office bearers are required by the Constitution, to maintain adequate accounting records and are responsible for the content and integrity of the annual financial statements and related financial information included in this report. It is their responsibility to ensure that the annual financial statements fairly present the state of affairs of the institute as at the end of the financial year and the results of its operations and cash flows for the period then ended, in conformity with the International Financial Reporting Standard for Small and Medium-sized Entities. The external auditors are engaged to express an independent opinion on the annual financial statements.

The annual financial statements are prepared in accordance with the International Financial Reporting Standard for Small and Medium-sized Entities and are based upon appropriate accounting policies consistently applied and supported by reasonable and prudent judgements and estimates.

The office bearers acknowledge that they are ultimately responsible for the system of internal financial control established by the institute and place considerable importance on maintaining a strong control environment. To enable the office bearers to meet these responsibilities, the office bearers set standards for internal control aimed at reducing the risk of error or loss in a cost effective manner. The standards include the proper delegation of responsibilities within a clearly defined framework, effective accounting procedures and adequate segregation of duties to ensure an acceptable level of risk. These controls are monitored throughout the institute and all employees are required to maintain the highest ethical standards in ensuring the institute's business is conducted in a manner that in all reasonable circumstances is above reproach. The focus of risk management in the institute is on identifying, assessing, managing and monitoring all known forms of risk across the institute. While operating risk cannot be fully eliminated, the institute endeavours to minimise it by ensuring that appropriate infrastructure, controls, systems and ethical behaviour are applied and managed within predetermined procedures and constraints.

The office bearers are of the opinion, based on the information and explanations given by management, that the system of internal control provides reasonable assurance that the financial records may be relied on for the preparation of the annual financial statements. However, any system of internal financial control can provide only reasonable, and not absolute, assurance against material misstatement or loss.

The office bearers have reviewed the institute's cash flow forecast for the year to 30 June 2023 and, in the light of this review and the current financial position, they are satisfied that the institute has or has access to adequate resources to continue in operational existence for the foreseeable future.

The external auditors are responsible for independently auditing and reporting on the institute's annual financial statements. The annual financial statements have been examined by the institute's external auditors and their report is presented on pages 6 to 7.

The annual financial statements set out on pages 8 to 18, which have been prepared on the going concern basis, were approved by the office bearers on 10 August 2022 and were signed on their behalf by:



President



Treasurer

The Southern African Institute of Mining and Metallurgy

Annual Financial Statements for the year ended 30 June 2022

Office Bearers' Report

The office bearers have pleasure in submitting their report on the annual financial statements of The Southern African Institute of Mining and Metallurgy for the year ended 30 June 2022.

1. Nature of business

The Southern African Institute of Mining and Metallurgy is a professional institute with local and international links aimed at assisting members and source information about technological developments in the mining, metallurgy and related sectors. This non-profit entity resides in South Africa.

There have been no material changes to the nature of the institute's business from the prior year.

2. Review of financial results and activities

The annual financial statements have been prepared in accordance with International Financial Reporting Standard for Small and Medium-sized Entities and the requirements of the Constitution. The accounting policies have been applied consistently compared to the prior year.

Full details of the financial position, results of operations and cash flows of the institute are set out in these annual financial statements.

3. Office bearers

The office bearers in office at the date of this report are as follows:

Office bearers	Office
I.J. Geldenhuys	President
Z. Botha	President elect
W.C. Joughin	Senior Vice President
Dr E. Matinde	Junior Vice President
G.R. Lane	Incoming Junior Vice President
V.G. Duke	Immediate Past President

4. Events after the reporting period

The office bearers are not aware of any material event which occurred after the reporting date and up to the date of this report.

5. Going concern

The annual financial statements have been prepared on the basis of accounting policies applicable to a going concern. This basis presumes that funds will be available to finance future operations and that the realisation of assets and settlement of liabilities, contingent obligations and commitments will occur in the ordinary course of business.

The office bearers believe that the institute has adequate financial resources to continue in operation for the foreseeable future and accordingly the annual financial statements have been prepared on a going concern basis. The office bearers have satisfied themselves that the institute is in a sound financial position and that it has access to sufficient borrowing facilities to meet its foreseeable cash requirements. The office bearers are not aware of any new material changes that may adversely impact the institute. The office bearers are also not aware of any material non-compliance with statutory or regulatory requirements or of any pending changes to legislation which may affect the institute.

6. Auditors

Genesis Chartered Accountants will continue in office.

The Southern African Institute of Mining and Metallurgy

Annual Financial Statements for the year ended 30 June 2022

Office Bearers' Report

7. Secretary

The institute had no secretary during the year.

Independent Auditor's Report

To the Members of The Southern African Institute of Mining and Metallurgy

Opinion

We have audited the annual financial statements of The Southern African Institute of Mining and Metallurgy (the institute) set out on pages 8 to 18, which comprise the statement of financial position as at 30 June 2022, statement of comprehensive income, statement of changes in equity and statement of cash flows for the year then ended, and the notes to the annual financial statements, including a summary of significant accounting policies.

In our opinion, the annual financial statements present fairly, in all material respects, the financial position of The Southern African Institute of Mining and Metallurgy as at 30 June 2022, and its financial performance and cash flows for the year then ended in accordance with the International Financial Reporting Standard for Small and Medium-sized Entities and the requirements of the Constitution.

Basis for Opinion

We conducted our audit in accordance with International Standards on Auditing. Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Annual Financial Statements section of our report. We are independent of the institute in accordance with the Independent Regulatory Board for Auditors' Code of Professional Conduct for Registered Auditors (IRBA Code) and other independence requirements applicable to performing audits of annual financial statements in South Africa. We have fulfilled our other ethical responsibilities in accordance with the IRBA Code and in accordance with other ethical requirements applicable to performing audits in South Africa. The IRBA Code is consistent with the corresponding sections of the International Ethics Standards Board for Accountants' International Code of Ethics for Professional Accountants (including International Independence Standards). We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

Other Information

The office bearers are responsible for the other information. The other information comprises the information included in the document titled "The Southern African Institute of Mining and Metallurgy annual financial statements for the year ended 30 June 2022", which includes the Office Bearers' Report as required by the Constitution and the supplementary information as set out on pages 19 to 20, which we obtained prior to the date of this report, and the Annual Report, which is expected to be made available to us after that date. The other information does not include the annual financial statements and our auditor's report thereon.

Our opinion on the annual financial statements does not cover the other information and we do not and will not express an audit opinion or any form of assurance conclusion thereon.

In connection with our audit of the annual financial statements, our responsibility is to read the other information and, in doing so, consider whether the other information is materially inconsistent with the annual financial statements or our knowledge obtained in the audit, or otherwise appears to be materially misstated. If, based on the work we have performed on the other information obtained prior to the date of this auditor's report, we conclude that there is a material misstatement of this other information, we are required to report that fact. We have nothing to report in this regard.

Independent Auditor's Report

Responsibilities of the Office Bearers for the Annual Financial Statements

The office bearers are responsible for the preparation and fair presentation of the annual financial statements in accordance with the International Financial Reporting Standard for Small and Medium-sized Entities and the requirements of the Constitution, and for such internal control as the office bearers determine is necessary to enable the preparation of annual financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the annual financial statements, the office bearers are responsible for assessing the institute's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless the office bearers either intend to liquidate the institute or to cease operations, or have no realistic alternative but to do so.

Auditor's Responsibilities for the Audit of the Annual Financial Statements

Our objectives are to obtain reasonable assurance about whether the annual financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with International Standards on Auditing will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these annual financial statements.

As part of an audit in accordance with International Standards on Auditing, we exercise professional judgement and maintain professional scepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the annual financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the institute's internal control.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by the office bearers.
- Conclude on the appropriateness of the office bearers' use of the going concern basis of accounting and based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the institute's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditor's report to the related disclosures in the annual financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditor's report. However, future events or conditions may cause the institute to cease to continue as a going concern.
- Evaluate the overall presentation, structure and content of the annual financial statements, including the disclosures, and whether the annual financial statements represent the underlying transactions and events in a manner that achieves fair presentation.

We communicate with the office bearers regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.



Genesis Chartered Accountants
Registered Auditors
CWB White CA(SA)
Partner

10 August 2022
Johannesburg

The Southern African Institute of Mining and Metallurgy

Annual Financial Statements for the year ended 30 June 2022

Statement of Financial Position as at 30 June 2022

Figures in Rand	Note(s)	2022	2021
Assets			
Non-Current Assets			
Property, plant and equipment	2	135 055	125 424
Other financial assets	3	26 229 152	26 088 000
		26 364 207	26 213 424
Current Assets			
Inventories	4	131 820	411 355
Trade and other receivables	5	1 667 160	728 963
Cash and cash equivalents	6	4 934 269	4 881 739
		6 733 249	6 022 057
Total Assets		33 097 456	32 235 481
Equity and Liabilities			
Equity			
Reserves	7	4 458 977	4 458 977
Retained income		27 581 265	26 390 148
		32 040 242	30 849 125
Liabilities			
Current Liabilities			
Trade and other payables	8	917 735	1 249 966
Other financial liabilities	9	50 673	50 673
Provisions	10	88 806	85 717
		1 057 214	1 386 356
Total Equity and Liabilities		33 097 456	32 235 481

The Southern African Institute of Mining and Metallurgy

Annual Financial Statements for the year ended 30 June 2022

Statement of Comprehensive Income

Figures in Rand	Note(s)	2022	2021
Revenue	11	8 120 053	4 601 909
Cost of sales		(2 481 219)	(2 973 196)
Gross surplus		5 638 834	1 628 713
Other income		1 013 658	7 459 940
Operating expenses		(7 058 613)	(5 916 653)
Operating (deficit) surplus		(406 121)	3 172 000
Investment revenue	12	1 602 761	633 033
Finance costs	13	(5 523)	-
Surplus (deficit)		1 191 117	3 805 033

The Southern African Institute of Mining and Metallurgy

Annual Financial Statements for the year ended 30 June 2022

Statement of Changes in Equity

Figures in Rand	Funds	Retained income	Total equity
Balance at 01 July 2020	4 458 977	22 585 115	27 044 092
Surplus (deficit)	-	3 805 033	3 805 033
Balance at 01 July 2021	4 458 977	26 390 148	30 849 125
Surplus (deficit)	-	1 191 117	1 191 117
Balance at 30 June 2022	4 458 977	27 581 265	32 040 242

The Southern African Institute of Mining and Metallurgy

Annual Financial Statements for the year ended 30 June 2022

Statement of Cash Flows

Figures in Rand	Note(s)	2022	2021
Cash flows from operating activities			
Cash used in operations	14	(1 399 314)	(2 667 912)
Interest income		151 060	157 938
Dividends received		1 451 701	475 095
Finance costs		(5 523)	-
Net cash from operating activities		197 924	(2 034 879)
Cash flows from investing activities			
Purchase of property, plant and equipment	2	(112 929)	(50 621)
Net movement in financial assets		(32 465)	2 413 712
Net cash from investing activities		(145 394)	2 363 091
Total cash movement for the year		52 530	328 212
Cash at the beginning of the year		4 881 739	4 553 527
Total cash at end of the year	6	4 934 269	4 881 739

The Southern African Institute of Mining and Metallurgy

Annual Financial Statements for the year ended 30 June 2022

Accounting Policies

1. Basis of preparation and summary of significant accounting policies

The annual financial statements have been prepared on a going concern basis in accordance with the International Financial Reporting Standard for Small and Medium-sized Entities, and the Constitution. The annual financial statements have been prepared on the historical cost basis, and incorporate the principal accounting policies set out below. They are presented in South African Rands.

These accounting policies are consistent with the previous period.

1.1 Significant judgements and sources of estimation uncertainty

Critical judgements in applying accounting policies

Management did not make critical judgements in the application of accounting policies, apart from those involving estimations, which would significantly affect the annual financial statements.

Key sources of estimation uncertainty

The financial statements do not include assets or liabilities whose carrying amounts were determined based on estimations for which there is a significant risk of material adjustments in the following financial year as a result of the key estimation assumptions.

1.2 Property, plant and equipment

Property, plant and equipment are tangible assets which the institute holds for its own use or for rental to others and which are expected to be used for more than one period.

Property, plant and equipment is initially measured at cost.

Cost includes costs incurred initially to acquire or construct an item of property, plant and equipment and costs incurred subsequently to add to, replace part of, or service it. If a replacement cost is recognised in the carrying amount of an item of property, plant and equipment, the carrying amount of the replaced part is derecognised.

Expenditure incurred subsequently for major services, additions to or replacements of parts of property, plant and equipment are capitalised if it is probable that future economic benefits associated with the expenditure will flow to the institute and the cost can be measured reliably. Day to day servicing costs are included in profit or loss in the period in which they are incurred.

Property, plant and equipment is subsequently stated at cost less accumulated depreciation and any accumulated impairment losses, except for land which is stated at cost less any accumulated impairment losses.

Depreciation of an asset commences when the asset is available for use as intended by management. Depreciation is charged to write off the asset's carrying amount over its estimated useful life to its estimated residual value, using a method that best reflects the pattern in which the asset's economic benefits are consumed by the institute.

The useful lives of items of property, plant and equipment have been assessed as follows:

Item	Depreciation method	Average useful life
Furniture and fixtures	Straight line	10 years
Office equipment	Straight line	6 years
IT equipment	Straight line	3 years

When indicators are present that the useful lives and residual values of items of property, plant and equipment have changed since the most recent annual reporting date, they are reassessed. Any changes are accounted for prospectively as a change in accounting estimate.

The Southern African Institute of Mining and Metallurgy

Annual Financial Statements for the year ended 30 June 2022

Accounting Policies

1.2 Property, plant and equipment (continued)

Impairment tests are performed on property, plant and equipment when there is an indicator that they may be impaired. When the carrying amount of an item of property, plant and equipment is assessed to be higher than the estimated recoverable amount, an impairment loss is recognised immediately in profit or loss to bring the carrying amount in line with the recoverable amount.

An item of property, plant and equipment is derecognised upon disposal or when no future economic benefits are expected from its continued use or disposal. Any gain or loss arising from the derecognition of an item of property, plant and equipment, determined as the difference between the net disposal proceeds, if any, and the carrying amount of the item, is included in profit or loss when the item is derecognised.

1.3 Financial instruments

Initial measurement

Financial instruments are initially measured at the transaction price (including transaction costs except in the initial measurement of financial assets and liabilities that are measured at fair value through profit or loss) unless the arrangement constitutes, in effect, a financing transaction in which case it is measured at the present value of the future payments discounted at a market rate of interest for a similar debt instrument.

Financial instruments at amortised cost

These include loans, trade receivables and trade payables. They are subsequently measured at amortised cost using the effective interest method. Debt instruments which are classified as current assets or current liabilities are measured at the undiscounted amount of the cash expected to be received or paid, unless the arrangement effectively constitutes a financing transaction.

At each reporting date, the carrying amounts of assets held in this category are reviewed to determine whether there is any objective evidence of impairment. If there is objective evidence, the recoverable amount is estimated and compared with the carrying amount. If the estimated recoverable amount is lower, the carrying amount is reduced to its estimated recoverable amount, and an impairment loss is recognised immediately in profit or loss.

Financial instruments at cost

Equity instruments that are not publicly traded and whose fair value cannot otherwise be measured reliably without undue cost or effort are measured at cost less impairment.

Financial instruments at fair value

All other financial instruments, including equity instruments that are publicly traded or whose fair value can otherwise be measured reliably, without undue cost or effort, are measured at fair value through profit and loss.

If a reliable measure of fair value is no longer available without undue cost or effort, then the fair value at the last date that such a reliable measure was available is treated as the cost of the instrument. The instrument is then measured at cost less impairment until management are able to measure fair value without undue cost or effort.

1.4 Inventories

Inventories are measured at the lower of cost and estimated selling price less costs to complete and sell, on the weighted average cost basis.

1.5 Impairment of assets

The institute assesses at each reporting date whether there is any indication that property, plant and equipment or intangible assets or goodwill or investment property on the cost model may be impaired.

The Southern African Institute of Mining and Metallurgy

Annual Financial Statements for the year ended 30 June 2022

Accounting Policies

1.5 Impairment of assets (continued)

If there is any such indication, the recoverable amount of any affected asset (or group of related assets) is estimated and compared with its carrying amount. If the estimated recoverable amount is lower, the carrying amount is reduced to its estimated recoverable amount, and an impairment loss is recognised immediately in profit or loss.

If an impairment loss subsequently reverses, the carrying amount of the asset (or group of related assets) is increased to the revised estimate of its recoverable amount, but not in excess of the amount that would have been determined had no impairment loss been recognised for the asset (or group of assets) in prior years. A reversal of impairment is recognised immediately in profit or loss.

1.6 Share capital and equity

An equity instrument is any contract that evidences a residual interest in the assets of an entity after deducting all of its liabilities.

If the institute reacquires its own equity instruments, those instruments are deducted from equity. No gain or loss is recognised in profit or loss on the purchase, sale, issue or cancellation of the institute's own equity instruments. Consideration paid or received shall be recognised directly in equity.

Ordinary shares are recognised at par value and classified as 'share capital' in equity. Any amounts received from the issue of shares in excess of par value is classified as 'share premium' in equity. Dividends are recognised as a liability in the year in which they are declared.

1.7 Employee benefits

1.8 Provisions and contingencies

Provisions are recognised when the institute has an obligation at the reporting date as a result of a past event; it is probable that the institute will be required to transfer economic benefits in settlement; and the amount of the obligation can be estimated reliably.

Provisions are not recognised for future operating losses.

1.9 Revenue

Revenue is recognised to the extent that the institute has transferred the significant risks and rewards of ownership of goods to the buyer, or has rendered services under an agreement provided the amount of revenue can be measured reliably and it is probable that economic benefits associated with the transaction will flow to the institute. Revenue is measured at the fair value of the consideration received or receivable, excluding sales taxes and discounts.

Interest is recognised, in profit or loss, using the effective interest rate method.

1.10 Borrowing costs

Borrowing costs are recognised as an expense in the period in which they are incurred.

The Southern African Institute of Mining and Metallurgy

Annual Financial Statements for the year ended 30 June 2022

Notes to the Annual Financial Statements

Figures in Rand 2022 2021

2. Property, plant and equipment

	2022			2021		
	Cost or revaluation	Accumulated depreciation	Carrying value	Cost or revaluation	Accumulated depreciation	Carrying value
Furniture and fixtures	419 017	(403 645)	15 372	419 017	(398 655)	20 362
Office equipment	36 918	(30 712)	6 206	36 918	(28 464)	8 454
IT equipment	1 828 333	(1 714 856)	113 477	1 748 180	(1 651 572)	96 608
Total	2 284 268	(2 149 213)	135 055	2 204 115	(2 078 691)	125 424

Reconciliation of property, plant and equipment - 2022

	Opening balance	Additions	Disposals	Depreciation	Closing balance
Furniture and fixtures	20 362	-	-	(4 990)	15 372
Office equipment	8 454	-	-	(2 248)	6 206
IT equipment	96 608	112 929	(12 882)	(83 178)	113 477
	125 424	112 929	(12 882)	(90 416)	135 055

Reconciliation of property, plant and equipment - 2021

	Opening balance	Additions	Depreciation	Closing balance
Furniture and fixtures	25 353	-	(4 991)	20 362
Office equipment	10 751	-	(2 297)	8 454
IT equipment	164 792	50 621	(118 805)	96 608
	200 896	50 621	(126 093)	125 424

3. Other financial assets

At fair value

Listed shares/bonds - Appelton AFC	26 229 152	26 088 000
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Non-current assets

At fair value	26 229 152	26 088 000
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4. Inventories

Medals	131 820	411 355
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5. Trade and other receivables

Trade receivables	1 341 056	494 848
Prepayments	8 659	7 960
VAT	306 669	215 379
Franking machine deposit	10 776	10 776
	1 667 160	728 963

The Southern African Institute of Mining and Metallurgy

Annual Financial Statements for the year ended 30 June 2022

Notes to the Annual Financial Statements

Figures in Rand	2022	2021
6. Cash and cash equivalents		
Cash and cash equivalents consist of:		
Cash on hand	28 622	31 618
Bank balances	2 206 602	949 713
Short-term deposits	2 699 045	3 010 552
Other cash and cash equivalents	-	889 856
	4 934 269	4 881 739

7. Reserves

Balance at beginning of the year	4 458 977	4 458 977
Prof. RE Robinson Fund (Book Publication Fund)	883 177	883 177
Brigadier Stokes Memorial Fund	8 048	8 048
PWJ van Rensburg Memorial Fund (Education Fund)	1 339 909	1 339 909
MacArthur Forest Memorial Fund (Awards Fund)	563 974	563 974
Infacon X Research Fund	1 422 094	1 422 094
SANCOT Fund	153 694	153 694
The Dave Ortiopp Fund	88 081	88 081

8. Trade and other payables

Trade payables	850 535	1 185 916
Accrued audit fees	67 200	64 050
	917 735	1 249 966

9. Other financial liabilities

At amortised cost

The SAIMM Scholarship Trust Fund	50 673	50 673
The loan is unsecured, bears no interest and has no specified terms of repayment.		

Current liabilities

At amortised cost	50 673	50 673
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10. Provisions

Reconciliation of provisions - 2022

	Opening balance	Additions	Closing balance
Provisions for leave pay	85 717	3 089	88 806

Reconciliation of provisions - 2021

	Opening balance	Reversed during the year	Closing balance
Provisions for leave pay	94 672	(8 955)	85 717

The Southern African Institute of Mining and Metallurgy

Annual Financial Statements for the year ended 30 June 2022

Notes to the Annual Financial Statements

Figures in Rand	2022	2021
11. Revenue		
Rendering of services	8 120 053	4 601 909
12. Investment revenue		
Dividend revenue		
Other financial assets	1 451 701	475 095
Interest revenue		
Interest - Argon	75 607	131 646
Interest - bank	42 016	23 453
	117 623	155 099
	1 569 324	630 194
13. Finance costs		
Late payment of tax	5 523	-
14. Cash used in operations		
Surplus before taxation	1 191 117	3 805 033
Adjustments for:		
Depreciation and amortisation	90 416	126 093
Deficit (surplus) on sale of assets	148 122	(215 169)
Dividends received	(1 451 701)	(475 095)
Interest received	(151 060)	(157 938)
Finance costs	5 523	-
Fair value adjustments	(243 927)	(5 902 644)
Movements in provisions	3 089	(8 955)
Changes in working capital:		
Inventories	279 535	197 494
Trade and other receivables	(938 197)	1 087 735
Trade and other payables	(332 231)	(1 124 466)
	(1 399 314)	(2 667 912)
15. Fair value adjustments		
Other financial assets	243 927	5 902 644
16. Auditor's remuneration		
Fees	68 100	64 050
Adjustment for previous year	(50)	625
	68 050	64 675

The Southern African Institute of Mining and Metallurgy

Annual Financial Statements for the year ended 30 June 2022

Notes to the Annual Financial Statements

Figures in Rand	2022	2021
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17. Taxation

Non provision of tax

In terms of Section 10(1)(cB)(i)(ff) of the Income Tax Act, the institute is exempt from income tax, subject to an annual review by the Receiver of Revenue.

The Southern African Institute of Mining and Metallurgy

Annual Financial Statements for the year ended 30 June 2022

Detailed Income Statement

Figures in Rand	Note(s)	2022	2021
Revenue			
Rendering of services		8 120 053	4 601 909
Cost of sales			
Opening stock		(411 355)	(608 849)
Purchases		(2 201 684)	(2 775 702)
Closing stock		131 820	411 355
		(2 481 219)	(2 973 196)
Gross surplus		5 638 834	1 628 713
Other income			
Administration and management fees received		108 015	-
Bad debts recovered		28 146	62 750
Debtors in credit written off		285 211	-
Fair value gains	15	243 927	5 902 644
Gains on disposal of assets		-	215 169
Insurance claims		29 802	10 934
Miscellaneous sales		71 501	100 353
Other income		-	973 814
Profit on exchange differences		13 216	-
Royalties OneMine		233 840	194 276
		1 013 658	7 459 940
Expenses (Refer to page 20)		(7 023 773)	(5 916 653)
Operating (deficit) surplus		(371 281)	3 172 000
Investment income	12	1 602 761	633 033
Finance costs	13	(5 523)	-
		1 597 238	633 033
Surplus (deficit)		1 225 957	3 805 033

The Southern African Institute of Mining and Metallurgy

Annual Financial Statements for the year ended 30 June 2022

Detailed Income Statement

Figures in Rand	Note(s)	2022	2021
Operating expenses			
Annual general meeting		13 465	1 700
Annual general meeting medals		71 344	66 424
Auditor's remuneration	16	68 050	64 675
Bad debts		893 288	2 009
Bank charges		47 682	52 021
Computer expenses		319 790	440 119
Consulting and professional fees		330 282	82 321
Credit card charges		25 142	36 780
Delivery expenses		-	810
Depreciation, amortisation and impairments		90 416	126 093
Employee costs		3 701 598	3 642 774
General expenses		10 571	3 123
Gifts		5 450	6 789
Insurance		42 502	59 464
Internet charges		96 211	92 377
Lease rentals on operating lease		12 330	22 605
Legal expenses		47 117	21 235
Library services		44 210	44 750
Loss on exchange differences		-	108 024
Management fees - investment		238 374	216 987
Office bearer/council expenses		5 496	13 098
Photocopier expenses		35 481	110 390
Printing and stationery		21 696	19 779
Profit and loss on sale of assets and liabilities		148 122	-
Repairs and maintenance		6 713	-
SANCOT expenses		69 360	15 226
Secretarial fees		31 620	35 791
Setcom/paygate charges		35 019	15 435
Software expenses		98 488	174 716
Staff expenses		-	11 500
Staff welfare		22 227	6 768
Student prizes		5 100	5 000
Subscriptions		359 252	360 695
Training		74 991	14 960
Website development		51 800	36 500
Website hosting		586	5 715
		7 023 773	5 916 653

The supplementary information presented does not form part of the annual financial statements and is unaudited



THE SOUTHERN AFRICAN INSTITUTE OF MINING AND METALLURGY
WESTERN CAPE BRANCH
ANNUAL FINANCIAL STATEMENTS
FOR THE YEAR ENDED 30 JUNE 2022

The Southern African Institute of Mining and Metallurgy Western Cape Branch

Annual Financial Statements for the year ended 30 June 2022

General Information

Country of incorporation and domicile	South Africa
Nature of business and principal activities	The Southern African Institute of Mining and Metallurgy is a professional institute with local and international links aimed at assisting members and source information about technological developments in the mining, metallurgy and related sectors.
Office bearers	I.J. Geldenhuys Z. Botha W.C Joughin Dr E. Matinde G.R. Lane V.G. Duke
Registered office	University of Cape Town Private Bag X3 Rondebosch 7701
Bankers	Standard Bank of South Africa
Auditors	Genesis Chartered Accountants Chartered Accountants (SA) Registered Auditors
Preparer	The annual financial statements were independently compiled by: J Den Drijver CA(SA)

The Southern African Institute of Mining and Metallurgy Western Cape Branch

Annual Financial Statements for the year ended 30 June 2022

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The reports and statements set out below comprise the annual financial statements presented to the office bearers:

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The Southern African Institute of Mining and Metallurgy Western Cape Branch

Annual Financial Statements for the year ended 30 June 2022

Office bearers' Responsibilities and Approval

The office bearers are required by the Constitution, to maintain adequate accounting records and are responsible for the content and integrity of the annual financial statements and related financial information included in this report. It is their responsibility to ensure that the annual financial statements fairly present the state of affairs of the branch as at the end of the financial year and the results of its operations and cash flows for the period then ended, in conformity with the International Financial Reporting Standard for Small and Medium-sized Entities. The external auditors are engaged to express an independent opinion on the annual financial statements.

The annual financial statements are prepared in accordance with the International Financial Reporting Standard for Small and Medium-sized Entities and are based upon appropriate accounting policies consistently applied and supported by reasonable and prudent judgements and estimates.

The office bearers acknowledge that they are ultimately responsible for the system of internal financial control established by the branch and place considerable importance on maintaining a strong control environment. To enable the office bearers to meet these responsibilities, the office bearers sets standards for internal control aimed at reducing the risk of error or loss in a cost effective manner. The standards include the proper delegation of responsibilities within a clearly defined framework, effective accounting procedures and adequate segregation of duties to ensure an acceptable level of risk. These controls are monitored throughout the branch and all employees are required to maintain the highest ethical standards in ensuring the branch's business is conducted in a manner that in all reasonable circumstances is above reproach. The focus of risk management in the branch is on identifying, assessing, managing and monitoring all known forms of risk across the branch. While operating risk cannot be fully eliminated, the branch endeavours to minimise it by ensuring that appropriate infrastructure, controls, systems and ethical behaviour are applied and managed within predetermined procedures and constraints.

The office bearers are of the opinion, based on the information and explanations given by management, that the system of internal control provides reasonable assurance that the financial records may be relied on for the preparation of the annual financial statements. However, any system of internal financial control can provide only reasonable, and not absolute, assurance against material misstatement or loss.

The office bearers have reviewed the branch's cash flow forecast for the year to 30 June 2023 and, in the light of this review and the current financial position, they are satisfied that the branch has or has access to adequate resources to continue in operational existence for the foreseeable future.

The external auditors are responsible for independently auditing and reporting on the branch's annual financial statements. The annual financial statements have been examined by the branch's external auditors and their report is presented on pages 5 to 6.

The annual financial statements set out on pages 7 to 14, which have been prepared on the going concern basis, were approved by the office bearers on 10 August 2022 and were signed on their behalf by:



President



Treasurer

The Southern African Institute of Mining and Metallurgy Western Cape Branch

Annual Financial Statements for the year ended 30 June 2022

Office Bearers' Report

The office bearers have pleasure in submitting their report on the annual financial statements of The Southern African Institute of Mining and Metallurgy Western Cape Branch for the year ended 30 June 2022.

1. Nature of business

The Southern African Institute of Mining and Metallurgy Western Cape Branch is a professional institute with local and international links aimed at assisting members and source information about technological developments in the mining, metallurgy and related sectors. This non-profit entity resides in South Africa.

There have been no material changes to the nature of the branch's business from the prior year.

2. Review of financial results and activities

The annual financial statements have been prepared in accordance with International Financial Reporting Standard for Small and Medium-sized Entities. The accounting policies have been applied consistently compared to the prior year.

Full details of the financial position, results of operations and cash flows of the branch are set out in these annual financial statements.

3. Office bearers

The office bearers in office at the date of this report are as follows:

Office bearers

I.J. Geldenhuys
Z. Botha
W.C. Joughin

Dr E. Matinde

G.R. Lane

V.G. Duke

Office

President
President Elect
Senior Vice
President
Junior Vice
President
Incoming Junior
Vice President
Immediate Past
President

4. Events after the reporting period

The office bearers are not aware of any material event which occurred after the reporting date and up to the date of this report.

5. Going concern

The annual financial statements have been prepared on the basis of accounting policies applicable to a going concern. This basis presumes that funds will be available to finance future operations and that the realisation of assets and settlement of liabilities, contingent obligations and commitments will occur in the ordinary course of business.

The office bearers believe that the branch has adequate financial resources to continue in operation for the foreseeable future and accordingly the annual financial statements have been prepared on a going concern basis. The office bearers have satisfied themselves that the branch is in a sound financial position and that it has access to sufficient borrowing facilities to meet its foreseeable cash requirements. The office bearers are not aware of any new material changes that may adversely impact the branch. The office bearers are also not aware of any material non-compliance with statutory or regulatory requirements or of any pending changes to legislation which may affect the branch.

6. Auditors

Genesis Chartered Accountants will continue in office.

Independent Auditor's Report

To the Member of The Southern African Institute of Mining and Metallurgy Western Cape Branch

Opinion

We have audited the annual financial statements of The Southern African Institute of Mining and Metallurgy Western Cape Branch (the branch) set out on pages 7 to 14, which comprise the statement of financial position as at 30 June 2022, statement of comprehensive income, statement of changes in equity and statement of cash flows for the year then ended, and the notes to the annual financial statements, including a summary of significant accounting policies.

In our opinion, the annual financial statements present fairly, in all material respects, the financial position of The Southern African Institute of Mining and Metallurgy Western Cape Branch as at 30 June 2022, and its financial performance and cash flows for the year then ended in accordance with the International Financial Reporting Standard for Small and Medium-sized Entities and the requirements of the Constitution.

Basis for Opinion

We conducted our audit in accordance with International Standards on Auditing. Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Annual Financial Statements section of our report. We are independent of the branch in accordance with the Independent Regulatory Board for Auditors' Code of Professional Conduct for Registered Auditors (IRBA Code) and other independence requirements applicable to performing audits of annual financial statements in South Africa. We have fulfilled our other ethical responsibilities in accordance with the IRBA Code and in accordance with other ethical requirements applicable to performing audits in South Africa. The IRBA Code is consistent with the corresponding sections of the International Ethics Standards Board for Accountants' International Code of Ethics for Professional Accountants (including International Independence Standards). We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

Other Information

The office bearers are responsible for the other information. The other information comprises the information included in the document titled "The Southern African Institute of Mining and Metallurgy Western Cape Branch annual financial statements for the year ended 30 June 2022", which includes the Office bearers' Report as required by the Constitution and the supplementary information as set out on page 15, which we obtained prior to the date of this report, and the Annual Report, which is expected to be made available to us after that date. The other information does not include the annual financial statements and our auditor's report thereon.

Our opinion on the annual financial statements does not cover the other information and we do not and will not express an audit opinion or any form of assurance conclusion thereon.

In connection with our audit of the annual financial statements, our responsibility is to read the other information and, in doing so, consider whether the other information is materially inconsistent with the annual financial statements or our knowledge obtained in the audit, or otherwise appears to be materially misstated. If, based on the work we have performed on the other information obtained prior to the date of this auditor's report, we conclude that there is a material misstatement of this other information, we are required to report that fact. We have nothing to report in this regard.

Independent Auditor's Report

Responsibilities of the Office Bearers for the Annual Financial Statements

The office bearers are responsible for the preparation and fair presentation of the annual financial statements in accordance with the International Financial Reporting Standard for Small and Medium-sized Entities and the requirements of the Constitution, and for such internal control as the office bearers determine is necessary to enable the preparation of annual financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the annual financial statements, the office bearers are responsible for assessing the branch's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless the office bearers either intend to liquidate the branch or to cease operations, or have no realistic alternative but to do so.

Auditor's Responsibilities for the Audit of the Annual Financial Statements

Our objectives are to obtain reasonable assurance about whether the annual financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with International Standards on Auditing will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these annual financial statements.

As part of an audit in accordance with International Standards on Auditing, we exercise professional judgement and maintain professional scepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the annual financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the branch's internal control.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by the office bearers.
- Conclude on the appropriateness of the office bearers' use of the going concern basis of accounting and based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the branch's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditor's report to the related disclosures in the annual financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditor's report. However, future events or conditions may cause the branch to cease to continue as a going concern.
- Evaluate the overall presentation, structure and content of the annual financial statements, including the disclosures, and whether the annual financial statements represent the underlying transactions and events in a manner that achieves fair presentation.

We communicate with the office bearers regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.



Genesis Chartered Accountants
Registered Auditors
CWB White CA(SA)
Partner

10 August 2022
Johannesburg

The Southern African Institute of Mining and Metallurgy Western Cape Branch

Annual Financial Statements for the year ended 30 June 2022

Statement of Financial Position as at 30 June 2022

Figures in Rand	Note(s)	2022	2021
Assets			
Non-Current Assets			
Other financial assets	2	932 291	889 856
Current Assets			
Trade and other receivables	3	2 118	14 754
Other financial assets	2	13 582	-
Cash and cash equivalents	4	491 981	492 966
		507 681	507 720
Total Assets		1 439 972	1 397 576
Equity and Liabilities			
Equity			
Retained income		1 439 972	1 397 576
Total Equity and Liabilities		1 439 972	1 397 576

The Southern African Institute of Mining and Metallurgy Western Cape Branch

Annual Financial Statements for the year ended 30 June 2022

Statement of Comprehensive Income

Figures in Rand	Note(s)	2022	2021
Other income	5	42 435	197 441
Operating expenses		(12 309)	(14 594)
Investment revenue	6	12 270	10 225
Surplus (deficit)		42 396	193 072

The Southern African Institute of Mining and Metallurgy Western Cape Branch

Annual Financial Statements for the year ended 30 June 2022

Statement of Changes in Equity

Figures in Rand	Retained income	Total equity
Balance at 01 July 2020	1 204 504	1 204 504
Surplus (deficit)	193 072	193 072
Balance at 01 July 2021	1 397 576	1 397 576
Surplus (deficit)	42 396	42 396
Balance at 30 June 2022	1 439 972	1 439 972

The Southern African Institute of Mining and Metallurgy Western Cape Branch

Annual Financial Statements for the year ended 30 June 2022

Statement of Cash Flows

Figures in Rand	Note(s)	2022	2021
Cash flows from operating activities			
Cash generated from (used in) operations	7	327	(17 664)
Interest income		12 270	10 225
Net cash from operating activities		12 597	(7 439)
Cash flows from investing activities			
Net movement in financial assets		(13 582)	8 451
Net cash from investing activities		(13 582)	8 451
Total cash movement for the year		(985)	1 012
Cash at the beginning of the year		492 966	491 954
Total cash at end of the year	4	491 981	492 966

The Southern African Institute of Mining and Metallurgy Western Cape Branch

Annual Financial Statements for the year ended 30 June 2022

Accounting Policies

1. Basis of preparation and summary of significant accounting policies

The annual financial statements have been prepared on a going concern basis in accordance with the International Financial Reporting Standard for Small and Medium-sized Entities, and the Constitution. The annual financial statements have been prepared on the historical cost basis, and incorporate the principal accounting policies set out below. They are presented in South African Rands.

These accounting policies are consistent with the previous period.

1.1 Significant judgements and sources of estimation uncertainty

Critical judgements in applying accounting policies

Management did not make critical judgements in the application of accounting policies, apart from those involving estimations, which would significantly affect the annual financial statements.

Key sources of estimation uncertainty

The financial statements do not include assets or liabilities whose carrying amounts were determined based on estimations for which there is a significant risk of material adjustments in the following financial year as a result of the key estimation assumptions.

1.2 Financial instruments

Initial measurement

Financial instruments are initially measured at the transaction price (including transaction costs except in the initial measurement of financial assets and liabilities that are measured at fair value through profit or loss) unless the arrangement constitutes, in effect, a financing transaction in which case it is measured at the present value of the future payments discounted at a market rate of interest for a similar debt instrument.

Financial instruments at amortised cost

These include loans, trade receivables and trade payables. They are subsequently measured at amortised cost using the effective interest method. Debt instruments which are classified as current assets or current liabilities are measured at the undiscounted amount of the cash expected to be received or paid, unless the arrangement effectively constitutes a financing transaction.

At each reporting date, the carrying amounts of assets held in this category are reviewed to determine whether there is any objective evidence of impairment. If there is objective evidence, the recoverable amount is estimated and compared with the carrying amount. If the estimated recoverable amount is lower, the carrying amount is reduced to its estimated recoverable amount, and an impairment loss is recognised immediately in profit or loss.

Financial instruments at fair value

All other financial instruments, including equity instruments that are publicly traded or whose fair value can otherwise be measured reliably, without undue cost or effort, are measured at fair value through profit and loss.

If a reliable measure of fair value is no longer available without undue cost or effort, then the fair value at the last date that such a reliable measure was available is treated as the cost of the instrument. The instrument is then measured at cost less impairment until management are able to measure fair value without undue cost or effort.

1.3 Impairment of assets

The branch assesses at each reporting date whether there is any indication that property, plant and equipment or intangible assets or goodwill or investment property on the cost model may be impaired.

The Southern African Institute of Mining and Metallurgy Western Cape Branch

Annual Financial Statements for the year ended 30 June 2022

Accounting Policies

1.3 Impairment of assets (continued)

If there is any such indication, the recoverable amount of any affected asset (or group of related assets) is estimated and compared with its carrying amount. If the estimated recoverable amount is lower, the carrying amount is reduced to its estimated recoverable amount, and an impairment loss is recognised immediately in profit or loss.

If an impairment loss subsequently reverses, the carrying amount of the asset (or group of related assets) is increased to the revised estimate of its recoverable amount, but not in excess of the amount that would have been determined had no impairment loss been recognised for the asset (or group of assets) in prior years. A reversal of impairment is recognised immediately in profit or loss.

1.4 Revenue

Revenue is recognised to the extent that the branch has transferred the significant risks and rewards of ownership of goods to the buyer, or has rendered services under an agreement provided the amount of revenue can be measured reliably and it is probable that economic benefits associated with the transaction will flow to the branch. Revenue is measured at the fair value of the consideration received or receivable, excluding sales taxes and discounts.

Interest is recognised, in profit or loss, using the effective interest rate method.

1.5 Borrowing costs

Borrowing costs are recognised as an expense in the period in which they are incurred.

The Southern African Institute of Mining and Metallurgy Western Cape Branch

Annual Financial Statements for the year ended 30 June 2022

Notes to the Annual Financial Statements

Figures in Rand	2022	2021
2. Other financial assets		
At fair value		
Listed shares	932 291	889 856
AFC Investment Management		
At amortised cost		
Other loans and receivables	13 582	-
Total other financial assets	945 873	889 856
Non-current assets		
At fair value	932 291	889 856
Current assets		
At amortised cost	13 582	-
	945 873	889 856
3. Trade and other receivables		
Staff loans	2 107	2 107
VAT	11	12 647
	2 118	14 754
4. Cash and cash equivalents		
Cash and cash equivalents consist of:		
Bank balances	8 343	21 598
Short-term deposits	483 638	471 368
	491 981	492 966
5. Other income		
Fair value gains	42 435	197 441
6. Investment revenue		
Interest revenue		
Bank	12 270	10 225
7. Cash generated from (used in) operations		
Profit before taxation	42 396	193 072
Adjustments for:		
Interest received	(12 270)	(10 225)
Fair value adjustments	(42 435)	(197 441)
Changes in working capital:		
Trade and other receivables	12 636	5 381
Trade and other payables	-	(8 451)
	327	(17 664)

The Southern African Institute of Mining and Metallurgy Western Cape Branch

Annual Financial Statements for the year ended 30 June 2022

Notes to the Annual Financial Statements

Figures in Rand	2022	2021
8. Fair value adjustments		
Other financial assets - Listed shares	42 435	197 441

9. Taxation

Non provision of tax

In terms of Section 10(1)(cB)(i)(ff) of the Income Tax Act, the institute is exempt from income tax, subject to an annual review by the Receiver of Revenue.

10. Office bearers' and prescribed officer's remuneration

No emoluments were paid to the office bearers or any individuals holding a prescribed office during the year.

The Southern African Institute of Mining and Metallurgy Western Cape Branch

Annual Financial Statements for the year ended 30 June 2022

Detailed Income Statement

Figures in Rand	Note(s)	2022	2021
Other income			
Fair value gains	8	42 435	197 441
Operating expenses			
Accounting fees		1 500	3 352
Bad debts		-	3 000
Bank charges		905	1 449
Catering - meetings		-	2 585
Packaging		-	560
Subscriptions		9 904	3 648
		12 309	14 594
Operating profit		30 126	182 847
Investment income	6	12 270	10 225
Surplus (deficit)		42 396	193 072



THE SAIMM SCHOLARSHIP TRUST FUND

(REGISTRATION NUMBER IT 6837/02)

ANNUAL FINANCIAL STATEMENTS
FOR THE YEAR ENDED 30 JUNE 2022

The SAIMM Scholarship Trust Fund

(Registration number: IT 6837/02)

Annual Financial Statements for the year ended 30 June 2022

General Information

Country of incorporation and domicile	South Africa
Trustees	Dr LA Cramer RD Beck MH Rogers JR Dixon
Registered office	7th Floor Rosebank Towers 19 Biermann Avenue Rosebank 2196
Postal address	PO Box 61127 Marshalltown 2107
Auditors	Genesis Chartered Accountants Chartered Accountants (SA) Registered Auditors
Trust registration number	IT 6837/02
Level of assurance	These annual financial statements have been audited in compliance with the applicable requirements of the Trust Property Control Act 57 of 1988.
Preparer	The annual financial statements were independently compiled by: J Den Drijver CA(SA)

The SAIMM Scholarship Trust Fund

(Registration number: IT 6837/02)

Annual Financial Statements for the year ended 30 June 2022

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The reports and statements set out below comprise the annual financial statements presented to the trustees:

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The SAIMM Scholarship Trust Fund

(Registration number: IT 6837/02)

Annual Financial Statements for the year ended 30 June 2022

Trustees' Responsibilities and Approval

The trustees are required to maintain adequate accounting records and are responsible for the content and integrity of the annual financial statements and related financial information included in this report. It is their responsibility to ensure that the annual financial statements fairly present the state of affairs of the trust as at the end of the financial year and the results of its operations and cash flows for the period then ended, in conformity with the International Financial Reporting Standard for Small and Medium-sized Entities.

The annual financial statements are prepared in accordance with the International Financial Reporting Standard for Small and Medium-sized Entities and are based upon appropriate accounting policies consistently applied and supported by reasonable and prudent judgments and estimates.

The trustees acknowledge that they are ultimately responsible for the system of internal financial control established by the trust and place considerable importance on maintaining a strong control environment. To enable the trustees to meet these responsibilities, the trustees sets standards for internal control aimed at reducing the risk of error or loss in a cost effective manner. The standards include the proper delegation of responsibilities within a clearly defined framework, effective accounting procedures and adequate segregation of duties to ensure an acceptable level of risk. These controls are monitored throughout the trust and all employees are required to maintain the highest ethical standards in ensuring the trust's business is conducted in a manner that in all reasonable circumstances is above reproach. The focus of risk management in the trust is on identifying, assessing, managing and monitoring all known forms of risk across the trust. While operating risk cannot be fully eliminated, the trust endeavours to minimise it by ensuring that appropriate infrastructure, controls, systems and ethical behaviour are applied and managed within predetermined procedures and constraints.

The trustees are of the opinion, based on the information and explanations given by management, that the system of internal control provides reasonable assurance that the financial records may be relied on for the preparation of the annual financial statements. However, any system of internal financial control can provide only reasonable, and not absolute, assurance against material misstatement or loss.

The trustees have reviewed the trust's cash flow forecast for the year to 30 June 2023 and, in the light of this review and the current financial position, they are satisfied that the trust has or has access to adequate resources to continue in operational existence for the foreseeable future.

The external auditors are responsible for independently auditing and reporting on the trust's annual financial statements. The annual financial statements have been examined by the trust's external auditors and their report is presented on pages 6 to 7.

The annual financial statements set out on pages 4 to 14, which have been prepared on the going concern basis, were approved by the trustees on 10 August 2022 and were signed on its behalf by:

The SAIMM Scholarship Trust Fund

(Registration number: IT 6837/02)

Annual Financial Statements for the year ended 30 June 2022

Trustees' Report

The trustees have pleasure in submitting their report on the annual financial statements of The SAIMM Scholarship Trust Fund for the year ended 30 June 2022.

1. The trust

The trust was registered on 11 November 2002, with the registration number IT 6837/02. The fund can sue and be sued in its own name.

The objective of the trust is to promote, foster and advance the interest of the minerals industry by providing the beneficiaries with funds to be used to support the education of students in the minerals industry.

2. Nature of business

The SAIMM Scholarship Trust Fund was formed in South Africa with interests in the non-profit industry. The trust operates in South Africa.

The objective of the trust is to promote, foster and advance the interest of the minerals industry by providing the beneficiaries with funds to be used to support the education of students in the minerals industry and to collect monies and accept contributions in monies or otherwise by way of donations, bequests, or otherwise and to apply the same to the income therefrom for all or any object as set out.

The fund has no full time employees and is administered by The Southern African Institute of Mining and Metallurgy.

There have been no material changes to the nature of the trust's business from the prior year.

3. Review of financial results and activities

The annual financial statements have been prepared in accordance with International Financial Reporting Standard for Small and Medium-sized Entities and the requirements of the Trust Property Control Act 57 of 1988. The accounting policies have been applied consistently compared to the prior year.

Full details of the financial position, results of operations and cash flows of the trust are set out in these annual financial statements.

4. Beneficiaries

The beneficiary of the trust is the Minerals Education Department of those universities and technikons in South Africa as determined by the trustees.

5. Trustees

The trustees in office at the date of this report are as follows:

Trustees

Dr LA Cramer

RD Beck

MH Rogers

JR Dixon

6. Borrowing powers

In terms of the Trust Deed, the borrowing powers of the trust are unlimited. However all borrowings by the trust are subject to board approval as required by the board delegation of authority.

The SAIMM Scholarship Trust Fund

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Annual Financial Statements for the year ended 30 June 2022

Trustees' Report

7. Events after the reporting period

The trustees are not aware of any material event which occurred after the reporting date and up to the date of this report.

8. Going concern

The annual financial statements have been prepared on the basis of accounting policies applicable to a going concern. This basis presumes that funds will be available to finance future operations and that the realisation of assets and settlement of liabilities, contingent obligations and commitments will occur in the ordinary course of business.

The trustees believe that the trust has adequate financial resources to continue in operation for the foreseeable future and accordingly the annual financial statements have been prepared on a going concern basis. The trustees have satisfied themselves that the trust is in a sound financial position and that it has access to sufficient borrowing facilities to meet its foreseeable cash requirements. The trustees are not aware of any new material changes that may adversely impact the trust. The trustees are also not aware of any material non-compliance with statutory or regulatory requirements or of any pending changes to legislation which may affect the trust.

9. Auditors

Genesis Chartered Accountants will continue in office.

Independent Auditor's Report

To the Trustees of The SAIMM Scholarship Trust Fund

Opinion

We have audited the annual financial statements of The SAIMM Scholarship Trust Fund (the trust) set out on pages 8 to 14, which comprise the statement of financial position as at 30 June 2022, statement of comprehensive income, statement of changes in equity and statement of cash flows for the year then ended, and the notes to the annual financial statements, including a summary of significant accounting policies.

In our opinion, the annual financial statements present fairly, in all material respects, the financial position of The SAIMM Scholarship Trust Fund as at 30 June 2022, and its financial performance and cash flows for the year then ended in accordance with the International Financial Reporting Standard for Small and Medium-sized Entities and the requirements of the Trust Property Control Act 57 of 1988.

Basis for Opinion

We conducted our audit in accordance with International Standards on Auditing. Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Annual Financial Statements section of our report. We are independent of the trust in accordance with the Independent Regulatory Board for Auditors' Code of Professional Conduct for Registered Auditors (IRBA Code) and other independence requirements applicable to performing audits of annual financial statements in South Africa. We have fulfilled our other ethical responsibilities in accordance with the IRBA Code and in accordance with other ethical requirements applicable to performing audits in South Africa. The IRBA Code is consistent with the corresponding sections of the International Ethics Standards Board for Accountants' International Code of Ethics for Professional Accountants (including International Independence Standards). We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

Other Information

The trustees are responsible for the other information. The other information comprises the information included in the document titled "The SAIMM Scholarship Trust Fund annual financial statements for the year ended 30 June 2022", which includes the Trustees' Report as required by the Trust Property Control Act 57 of 1988, which we obtained prior to the date of this report, and the Annual Report, which is expected to be made available to us after that date. The other information does not include the annual financial statements and our auditor's report thereon.

Our opinion on the annual financial statements does not cover the other information and we do not and will not express an audit opinion or any form of assurance conclusion thereon.

In connection with our audit of the annual financial statements, our responsibility is to read the other information and, in doing so, consider whether the other information is materially inconsistent with the annual financial statements or our knowledge obtained in the audit, or otherwise appears to be materially misstated. If, based on the work we have performed on the other information obtained prior to the date of this auditor's report, we conclude that there is a material misstatement of this other information, we are required to report that fact. We have nothing to report in this regard.

Independent Auditor's Report

Responsibilities of the Trustees for the Annual Financial Statements

The trustees are responsible for the preparation and fair presentation of the annual financial statements in accordance with the International Financial Reporting Standard for Small and Medium-sized Entities and the requirements of the Trust Property Control Act 57 of 1988, and for such internal control as the trustees determine is necessary to enable the preparation of annual financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the annual financial statements, the trustees are responsible for assessing the trust's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless the trustees either intend to liquidate the trust or to cease operations, or have no realistic alternative but to do so.

Auditor's Responsibilities for the Audit of the Annual Financial Statements

Our objectives are to obtain reasonable assurance about whether the annual financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with International Standards on Auditing will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these annual financial statements.

As part of an audit in accordance with International Standards on Auditing, we exercise professional judgement and maintain professional scepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the annual financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the trust's internal control.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by the trustees.
- Conclude on the appropriateness of the trustees' use of the going concern basis of accounting and based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the trust's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditor's report to the related disclosures in the annual financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditor's report. However, future events or conditions may cause the trust to cease to continue as a going concern.
- Evaluate the overall presentation, structure and content of the annual financial statements, including the disclosures, and whether the annual financial statements represent the underlying transactions and events in a manner that achieves fair presentation.

We communicate with the trustees regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.



Genesis Chartered Accountants
Registered Auditors
CWB White CA(SA)
Partner

10 August 2022
Johannesburg

The SAIMM Scholarship Trust Fund

(Registration number: IT 6837/02)

Annual Financial Statements for the year ended 30 June 2022

Statement of Financial Position as at 30 June 2022

Figures in Rand	Note(s)	2022	2021
Assets			
Current Assets			
Other financial assets	2	50 673	50 673
Cash and cash equivalents	3	51 398	42 628
		102 071	93 301
Total Assets		102 071	93 301
Equity and Liabilities			
Equity			
Trust capital	4	1 000	1 000
Accumulated surplus		101 071	92 301
		102 071	93 301
Total Equity and Liabilities		102 071	93 301

The SAIMM Scholarship Trust Fund

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Annual Financial Statements for the year ended 30 June 2022

Statement of Comprehensive Income

Figures in Rand	Note(s)	2022	2021
Revenue			
Donations received - current year		10 000	24 500
Operating expenses			
Bank charges		(1 230)	(1 680)
Surplus for the year		8 770	22 820

The SAIMM Scholarship Trust Fund

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Annual Financial Statements for the year ended 30 June 2022

Statement of Changes in Equity

Figures in Rand	Trust capital	Accumulated surplus	Total equity
Balance at 01 July 2020	1 000	69 481	70 481
Surplus for the year	-	22 820	22 820
Balance at 01 July 2021	1 000	92 301	93 301
Surplus for the year	-	8 770	8 770
Balance at 30 June 2022	1 000	101 071	102 071

The SAIMM Scholarship Trust Fund

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Annual Financial Statements for the year ended 30 June 2022

Statement of Cash Flows

Figures in Rand	Note(s)	2022	2021
Cash flows from operating activities			
Cash generated from operations	6	8 770	22 820
Total cash movement for the year		8 770	22 820
Cash at the beginning of the year		42 628	19 808
Total cash at end of the year	3	51 398	42 628

The SAIMM Scholarship Trust Fund

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Annual Financial Statements for the year ended 30 June 2022

Accounting Policies

1. Basis of preparation and summary of significant accounting policies

The annual financial statements have been prepared on a going concern basis in accordance with the International Financial Reporting Standard for Small and Medium-sized Entities. The annual financial statements have been prepared on the historical cost basis, and incorporate the principal accounting policies set out below. They are presented in South African Rands.

These accounting policies are consistent with the previous period.

1.1 Significant judgements and sources of estimation uncertainty

Critical judgements in applying accounting policies

Management did not make critical judgements in the application of accounting policies, apart from those involving estimations, which would significantly affect the annual financial statements.

Key sources of estimation uncertainty

The financial statements do not include assets or liabilities whose carrying amounts were determined based on estimations for which there is a significant risk of material adjustments in the following financial year as a result of the key estimation assumptions.

1.2 Financial instruments

Initial measurement

Financial instruments are initially measured at the transaction price (including transaction costs except in the initial measurement of financial assets and liabilities that are measured at fair value through surplus or deficit) unless the arrangement constitutes, in effect, a financing transaction in which case it is measured at the present value of the future payments discounted at a market rate of interest for a similar debt instrument.

Financial instruments at amortised cost

These include loans, trade receivables and trade payables. They are subsequently measured at amortised cost using the effective interest method. Debt instruments which are classified as current assets or current liabilities are measured at the undiscounted amount of the cash expected to be received or paid, unless the arrangement effectively constitutes a financing transaction.

At each reporting date, the carrying amounts of assets held in this category are reviewed to determine whether there is any objective evidence of impairment. If there is objective evidence, the recoverable amount is estimated and compared with the carrying amount. If the estimated recoverable amount is lower, the carrying amount is reduced to its estimated recoverable amount, and an impairment loss is recognised immediately in surplus or deficit.

Financial instruments at cost

Equity instruments that are not publicly traded and whose fair value cannot otherwise be measured reliably without undue cost or effort are measured at cost less impairment.

Financial instruments at fair value

All other financial instruments, including equity instruments that are publicly traded or whose fair value can otherwise be measured reliably, without undue cost or effort, are measured at fair value through surplus and deficit.

If a reliable measure of fair value is no longer available without undue cost or effort, then the fair value at the last date that such a reliable measure was available is treated as the cost of the instrument. The instrument is then measured at cost less impairment until management are able to measure fair value without undue cost or effort.

The SAIMM Scholarship Trust Fund

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Annual Financial Statements for the year ended 30 June 2022

Accounting Policies

1.3 Tax

Current tax assets and liabilities

The fund is exempt from taxation in terms of Section 18A of the Income Tax Act.

1.4 Revenue

Revenue is recognised to the extent that the trust has transferred the significant risks and rewards of ownership of goods to the buyer, or has rendered services under an agreement provided the amount of revenue can be measured reliably and it is probable that economic benefits associated with the transaction will flow to the trust. Revenue is measured at the fair value of the consideration received or receivable, excluding sales taxes and discounts.

Interest is recognised, in surplus or deficit, using the effective interest rate method.

1.5 Borrowing costs

Borrowing costs are recognised as an expense in the period in which they are incurred.

The SAIMM Scholarship Trust Fund

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Annual Financial Statements for the year ended 30 June 2022

Notes to the Annual Financial Statements

Figures in Rand	2022	2021
2. Other financial assets		
At amortised cost		
The Southern African Institute of Mining and Metallurgy	50 673	50 673
This loan is unsecured, bears no interest and has no specified terms of repayment.		
Current assets		
At amortised cost	50 673	50 673
3. Cash and cash equivalents		
Cash and cash equivalents consist of:		
Bank balances	51 398	42 628
4. Trust capital		
Capital account / Trust capital		
Balance at beginning of year	1 000	1 000
5. Revenue		
Donations received - current year	10 000	24 500
6. Cash generated from operations		
Surplus before taxation	8 770	22 820