

Presentation to the Engineering Institute of Zambia



SAIMM
THE SOUTHERN AFRICAN INSTITUTE
OF MINING AND METALLURGY

130
Years
OF TECHNICAL EXCELLENCE



**Presenter: Sibongile
Ntsoelengoe**
Date: 04 April 2025



A Moment of Reflection

- For the resilience and strength of our **Southern African community**.
- For the **miners who have lost their lives** while contributing to our shared progress.
- We **reaffirm** our commitment to the goal of **Zero Harm in our mining industry**.





The Evolution of SAIMM:

A Legacy of Safety Sustainability, and Innovation in Mining

- **1886:** Discovery of **Gold** in **Gauteng**, South Africa.
- **1890s:** Discovery of **Copper** in **Zambia**
- **1894: Chemical and Metallurgical Society of South Africa** formed after 14 chemists met on 24th March 1894 in Johannesburg to form a society and elect a council.
- **1903:** Chemical, Metallurgical and Mining Society of South Africa.
- **1956:** South African Institute of Mining and Metallurgy.
- **2006: Official name** Southern African Institute of Mining and Metallurgy (**SAIMM**).



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THROUGH THE PARTNERSHIP WITH EIZ, SAIMM AIMS TO

- **Inform**- to enable decision making in an unpredictable future
- **Educate** – to unearth professional potential and future proof Mining
- **Convene** – relevant technical conferences and foster meaningful collaborations
- **Partner** - to strengthen our collective impact on industry innovation and reimagine mining



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SAIMM Membership in 2025

Total Membership is currently 2,622
Membership is spread across 51
countries

77
SOUTH
AFRICA
%

12
AFRICA
%

11%
REST OF THE
WORLD



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Gender Diversity

Female membership is 427

Male membership is 2,195

16

FEMALE
%

84

MALE
%

20%

YOUNG
PROFESSIONALS



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The Crucible is a podcast by the Southern African Institute of Mining and Metallurgy. The objective is to ensure that our stakeholders have relevant information to enable decision making in an unpredictable future. Through the podcast we offer listeners a front row seat to conversations with specialists, experts and thought leaders in the minerals and metals sector. The Crucible is a podcast by the Southern African Institute of Mining and Metallurgy. The objective is to ensure that our stakeholders have relevant information to enable decision making in an unpredictable future. Through the podcast we offer listeners a front row seat to conversations with specialists, experts and thought leaders in the minerals and metals sector.

Important activities and offerings

Information and Resource Portal

- Access to **technical libraries**, including OneMine.org
- Publications Committee (**PC**): Journal of the SAIMM, Books, Special Publications, Conference Proceedings
- **Technical Programmes (TP)** World-class technical events organised by our Technical Programme Committees
- **The Crucible**: SAIMM Podcast

The Branches: the Heartbeat

- **South Africa**: Johannesburg, Pretoria, Limpopo, Northern Cape, North West, Western Cape, Zululand
- **Regional**: Zambia, Botswana, Namibia, Zimbabwe, DRC

Special Interest Committee

- **YPC** Young Professionals Council
- **DIMI** Diversity and Inclusion in the Minerals Industry
- **PAPAC** Policy, Advocacy and Public Affairs
- **Scholarship Trust Fund**

Technical Interest Committees

- **ESGS** - Environmental Social Governance & Sustainability
- **SSC** - SAMREC, SAMVAL, SAMESG, SAMOG
- **Tailings** working group (GISTM focus)
- **SANCOT** - South African National Committee on Tunnelling

Mentorship Opportunities

- Hosted by YPC
- Commenced in March 2024





Partnership Established between EIZ & SAIMM



Eng. Nathan Mukulakasuba Kazembe
SAIMM Branch Chairperson

Sharing Industry best practice, cutting edge innovations and Building a Professional community in Zambia

ZAMBIA BRANCH TECHNICAL PRESENTATION

Topic
A Sustainable Tailings Management Approach for Zambia's Expanding Mining Industry.

SAIMM 130
YEARS OF TECHNICAL EXCELLENCE

Speaker



Patrick Tembo
Senior Tailings dam Engineer

Date: 23 April 2025
Time: 17:00 - 19:00
Venue: Online via Zoom



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Hosting of the Copper- Cobalt conference in Zambia



Copper Cobalt Africa
In Association with
The 9th Southern African Base Metals Conference
9-12 July 2018
Avani Victoria Falls Hotel, Livingstone, Zambia

BM
BASE METALS
2018

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BM
BASE METALS
2023

COPPER COBALT AFRICA
IN ASSOCIATION WITH
THE 10th SOUTHERN AFRICAN
BASE METALS CONFERENCE
12-16 JUNE 2023
AVANI VICTORIA FALLS RESORT,
LIVINGSTONE, ZAMBIA

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 Progress beyond	 SOUTH AFRICAN MINING ASSOCIATION		 CM SOLUTIONS SOLUTIONS CONSULTANTS & LABORATORY	
PREMIUM SPONSOR	PREMIUM SPONSOR	PREMIUM SPONSOR	SUNSET CRUISE SPONSOR	WELCOME COCKTAIL SPONSOR
	 120 YEARS Metallurgical Engineering		 We create chemistry	 right solutions. right partner.
MEDIA SPONSOR	CONFERENCE DINNER SPONSOR	BANNER SPONSOR	SOCIAL MEDIA SPONSOR	PENS AND NOTEPAD SPONSOR
	 Minerals Processing	 We create chemistry	 中信重工	
EXHIBITOR	EXHIBITOR	EXHIBITOR	EXHIBITOR	EXHIBITOR
 Chemistry with a purpose. Better every day.		 Protea Mining Chemicals a member of the Orica Group		 CASTLE LEAD WORKS LEAD & ZINC
EXHIBITOR	EXHIBITOR	PREMIUM SPONSOR	PREMIUM SPONSOR	EXHIBITOR
				
CONFERENCE BAGS SPONSOR	EXHIBITOR	LANYARDS SPONSOR	TECHNICAL VISITS SPONSOR	BANNER SPONSOR
				

Building a legacy of knowledge through delivering Mining technical International events



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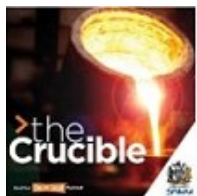
130
Years
OF TECHNICAL EXCELLENCE





Progressive in launching digital offerings

SAIMM's latest offering



The Crucible – Southern African Institute of Mining and Metallurgy (SAIMM)

A Total of Nineteen Episodes to date

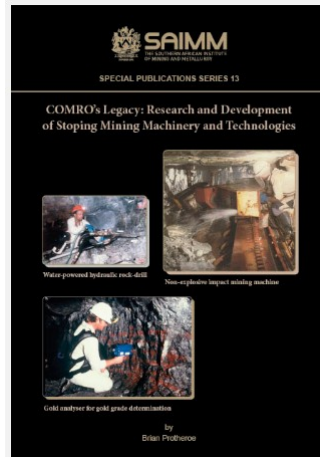
- Productivity in the Minerals Industry Part 1 and 2 | Arjen de Bruin (02/09/24)
- Entrepreneurship and What it Means to You | Tokyo Ndlela (20/09/24)
- Mintek@90 | Roger Paul (21/10/24)
- Leading Beyond Boundaries | Mark Munroe, Prelisha Singh and Nomsa Mbere (18/11/24)
- SAMREC Code and Its Impact on the Minerals Industry | Nicole Wansbury and Ken Lomborg (01/02/2025)
- South Africa and Carbon Tax | Erwee Lourens (06/03/25)



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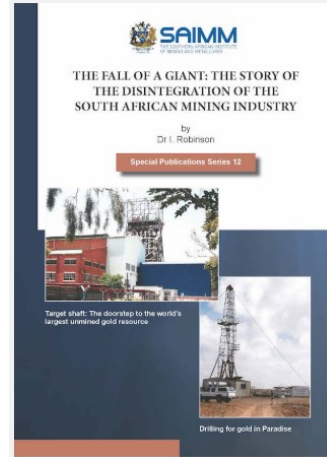


SAIMM Special Publications, peer reviewed



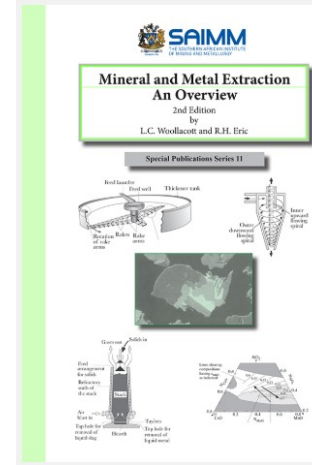
**COMRO's Legacy :
Research And
Development
Of Stopping Mining
Machinery And
Technologies**

by Brian E. Protheroe



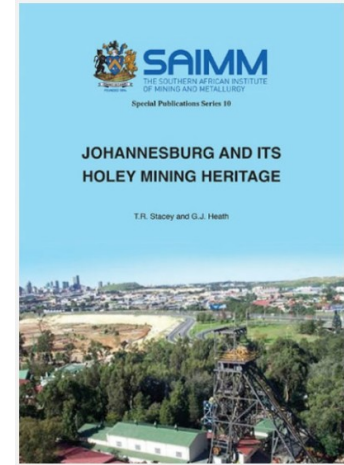
**THE FALL OF A GIANT:
THE STORY OF THE
DISINTEGRATION OF
THE SOUTH AFRICAN
MINING INDUSTRY**

Dr I. Robinson



**Mineral and Metal
Extraction An
Overview
2nd Edition**

by L.C. Woollacott
and R.H. Eric



**JOHANNESBURG AND
ITS
HOLEY MINING
HERITAGE**

by T.R. Stacey and
G.J.Heath

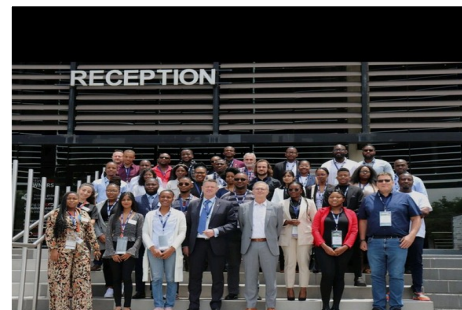


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SAIMM 130th Anniversary Conferences and Events



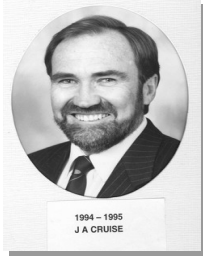
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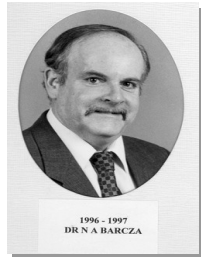




SAIMM Presidents



John Anthony Cruise
President: 1994-1995



Nicholas Adrian Barcza
President: 1996-1997



Thomas Richard Stacey
President: 2003-2004



Cuthbert Musingwini
President: 2016-2017



Selo Ndlovu
President: 2017-2018



Mzila Mthenjane
President: 2019-2020



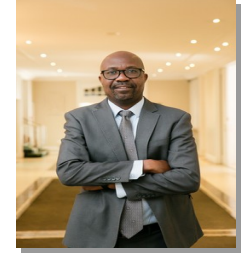
Isabel Geldenhuys
President: 2021-2022



Zelmia Botha
President: 2022-2023



William Joughin
President: 2023 - 2024



Elias Matinde
President: 2024 - 2025



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SAIMM Honorary Life Fellows



The first Honorary
Life Fellow: 1974
D.G Maxwell*



The current Honorary
Life Fellow: 2024
Prof R.M.S Falcon



The current Honorary
Life Fellow: 2024
Prof J.N van der Merwe

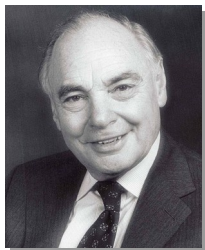


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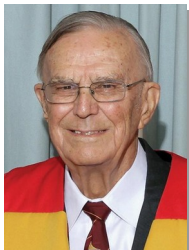




SAIMM Brigadier Stokes Memorial Award



Harry Oppenheimer
1980



Danie Krige
1984



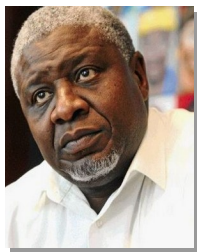
Oskar Steffen
1995



Julian Ogilvie-Thompson
2002



Cyril O' Connor
2010



Sipho Nkosi
2015



Roger Baxter
2017



Mark Cutfani
2022



Nolitha Fakude
2023



Bernard Swanepoel
2024



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Who we are

SAIMM is focused on nurturing the future leaders of Southern Africa's minerals industry



Gary Lane
TP Mining



Zelmia
Botha
TP
Metallurgy



Sibongile
Ntsoelengoe
Branches



Kondwani
Banda
YPC



Tshepo
Mmola
Membership



Rosemary
Falcon
Publications





Who we are

SAIMM is focused on nurturing the future leaders of Southern Africa's minerals industry



Zohreh
Fakhraei
Diversity and
Inclusion



Michael
Solomon
ESGS



Andrew van Zyl
Tailings



Katlego
Letsoalo
PAPAC



Jeanne Walls
SANCOT



Sifiso Siwela
SSC



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Who we are: SAIMM Office Bearers Team

Conferences and Events



Sam Moolla
Manager



Camielah Jardine
Head of Conferences
and Events



Gugu Charlie
Co-ordinator



Nazli Mamdoo
Publications
Co-ordinator

Brand, Communications and Marketing



Zena Nkula
Head of Brand
Communications and Marketing



Patricia Takalimane
Intern



Kayla Oliver
Administrator



Gcina Matsoyane
Junior Co-ordinator



Umpha Ramphabana
Intern



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Corporate Partnerships

‘To the capable, the opportunity’



Partnerships that create
endless possibilities!



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Corporate Partnerships



At SAIMM we believe **partnerships strengthen our collective impact on industry innovation.**

We unearth **professional potential** and lead **impactful engagements**, to achieve advancement of the minerals industry.

We **remain committed to fostering meaningful collaborations** and ensuring that our partners benefit from **increased visibility, networking opportunities, and engagement with a dynamic community of industry.**



OUR TAILORED OFFERINGS

- Access to **ECSA CPD validated activities - Continuing professional development** for your employees.
- Direct **access to SAIMM Committees.**
- Dedicated advertising space – **local and international conferences**, colloquia, short courses and many more.
- Fast Track Development Programmes – **Tailored mentoring for employees.**
- Direct access to a SAIMM Administrator.



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**“Developing the
mining industry’s
future leaders”**



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Thank you

