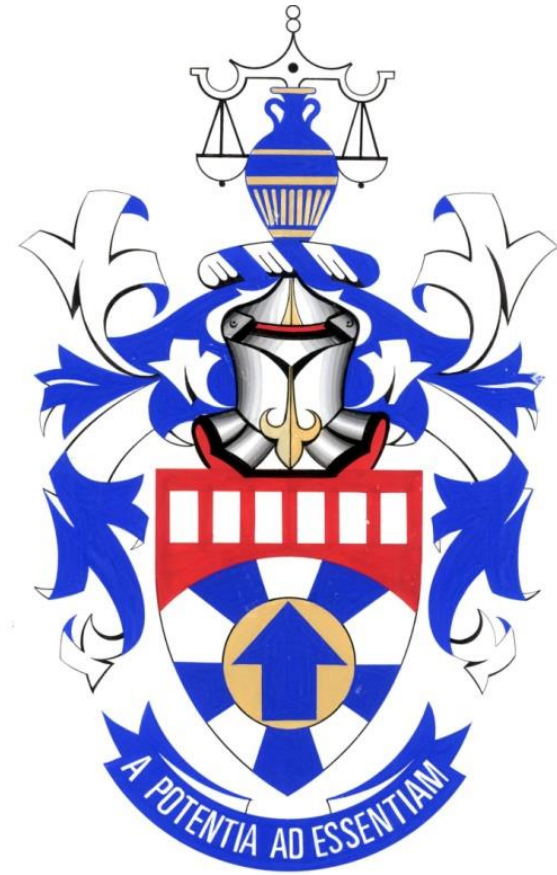


# Southern African Institute for Industrial Engineering

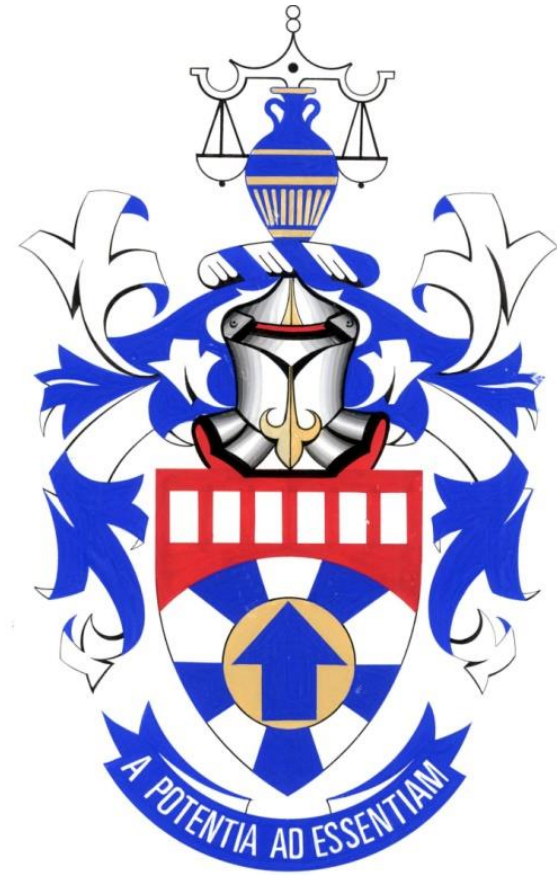
## Annual General Meeting 2023



# Annual General Meeting

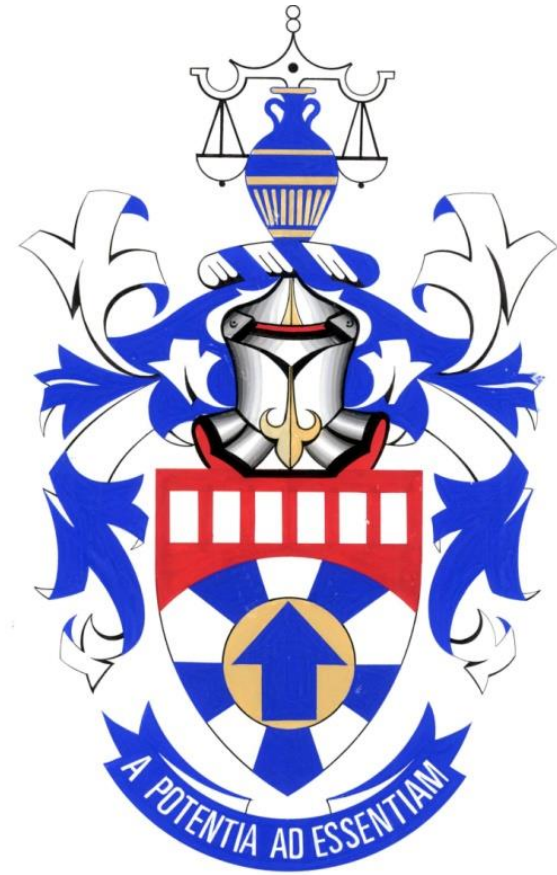
## Agenda:

1. Opening of Meeting
2. Attendance register and apologies
3. Minutes of the previous AGM
4. Financial Reports
5. Appointment of Auditors
6. President's Report
7. President's Award
8. Inaugural Speech: New SAIIE President
9. Announcement of Council Members
10. Closure of Meeting



Opening of the meeting  
Attendance register and apologies  
Minutes of the previous AGM

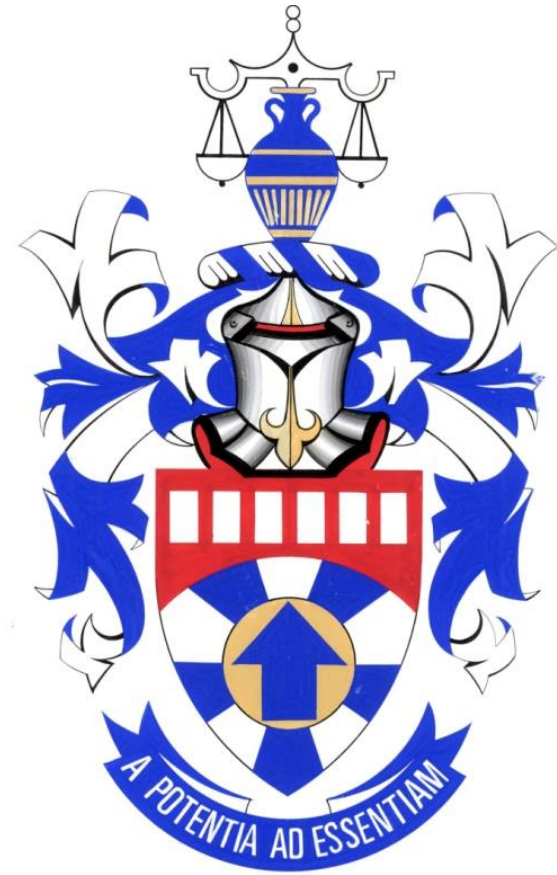
# AGENDA



Tshidi Mndzebele

# FINANCIAL REPORT

1 April 2021 - 31 March 2022



# SOUTHERN AFRICAN INSTITUTE FOR INDUSTRIAL ENGINEERING (NON-PROFIT COMPANY)

---

(Registration number 1976/000004/08)  
Financial Statements for the year ended 31 March 2022

*Presented by Tshidi Mndzebele*



# Independent Auditors' Report



2019 – No Qualification  
2020 – No Qualification  
2021 – No Qualification



## Opinion

In our opinion, the financial statements **present fairly, in all material respects, the financial position of Southern African Institute for Industrial Engineering (Non Profit Company) as at 31 March 2022**, and its financial performance and its 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 Companies Act 71 of 2008.

# Statement of Financial Performance

Year	2022	2021
Revenue (membership fees)	778,573	1,078,191
Other income	860,250	630,000
Operating expenses	(1,712,492)	(1,687,598)
Operating profit / (loss)	(73,669)	20,593
Investment revenue	17,515	35,381
Surplus / (loss) for the year	(56,154)	55,974

*Figures in Rand*

# Detailed Statement of Financial Performance

- **SAJIE:** Continued to be a self-sustaining profit centre.
- **SAIIE32:** 88% Revenue growth
- **Membership:** 28% decline in revenue.

## To Note:

- **SAIIE32:** First in person conference after COVID19, SAIIE31 was an on-line conference
- **Membership revenue:**
  - The membership revenue for 2021 was R1,078,191 but the bad debt was R315,342.
  - The membership revenue for 2022 was R778,573 but with the new Glue-Up platform proforma invoices are issued resulting in a bad debt of only R10,759 for 2022.
  - There was thus a very small increase in membership revenue in 2022 taking into consideration the decline in bad debt write-offs.



# Statement of Financial Position as on 31 March 2022

<i>Figures in Rand</i>	2022	2021
Assets		
Non-Current Assets		
Property, plant and equipment		
Current Assets		
Trade and other receivables	271,715	415,777
<b>Cash and cash equivalents</b>	1,068,593	991,946
	<b>1,340,308</b>	<b>1,407,725</b>
Total Assets	<b>1,340,310</b>	<b>1,407,725</b>
Equity and Liabilities		
Equity		
Retained income	1,150,203	1,206,354
Liabilities		
Current Liabilities		
Trade and other payables	190,107	201,371
Total Equity and Liabilities	<b>1,340,310</b>	<b>1,407,725</b>

# Statement of Cash Flows

<i>Figures in Rand</i>	<b>2022</b>	<b>2021</b>
<b>Cash flows from operating activities</b>		
Profit for the year	(56,154)	55,974
Depreciation of property, plant and equipment	-	1,774
Investment Income	(17,515)	(35,381)
Operating cash flow before working capital changes	(73,669)	22,367
(Increase) / decrease in trade and other receivables	144,062	(117,258)
(Decrease) / increase in trade and other payables	(11,261)	(16,025)
<b>Net cash from operating activities</b>	<b>59,132</b>	<b>(110,916)</b>
Investment income	17,515	35,381
<b>Net Cash Flows (used in) / from operating activities</b>	<b>76,647</b>	<b>(75,535)</b>
Cash at the beginning of the year	991,946	1,067,481
<b>Total cash at end of the year</b>	<b>1,068,593</b>	<b>991,946</b>

# Approval required

- Members to accept the financial statements as on 31 March 2022
- Members to appoint Erasmus Steyn Inc. Chartered Accountants and Auditors for the 2023 audit
- Members to accept a yearly membership fee increase for 2024, aligned to CPI

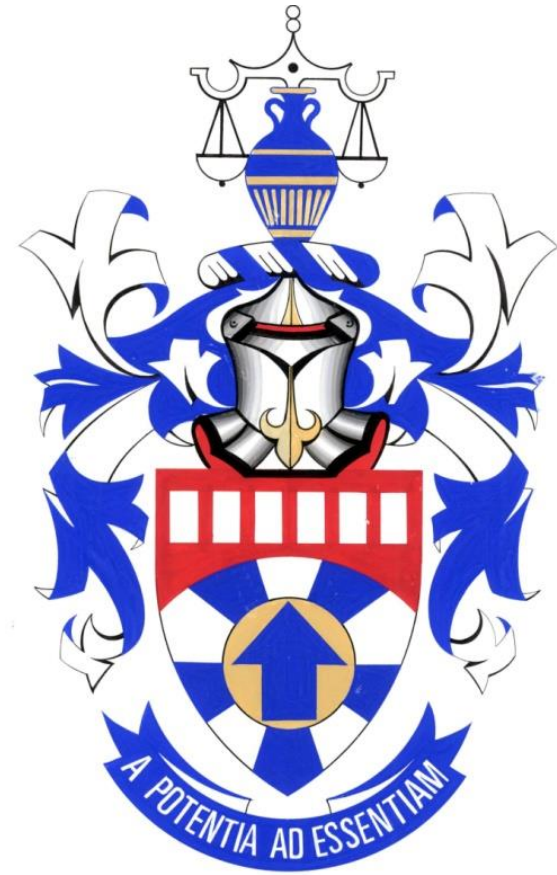
# Questions



Jacques Fauré

April 2022 - March 2023

# PRESIDENT'S REPORT



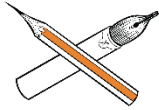
# Recognise SAIIE IN 2031

saiee will make a meaningful contribution to society

## BE THE VOICE OF IE TO

create the awareness that we can Fix Stuff

Pro Bono work



Create & Support the IMAGE of IE's



In-service students into govt / other options (SETA MONEY)

Push Membership growth (3x)



Platform for innovation | voice of innovation



Non Negotiable: Financially Sustainable

\*Don't rely on member fees

(As Stewards)

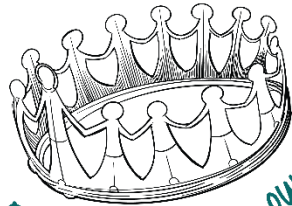
in whose service we stand

- ✓ Clinics
- ✓ Drivers License
- ✓ Passport
- ✓ ID

IND / Acad



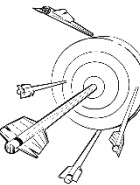
Support Generation of Knowledge



Protect what's OURS

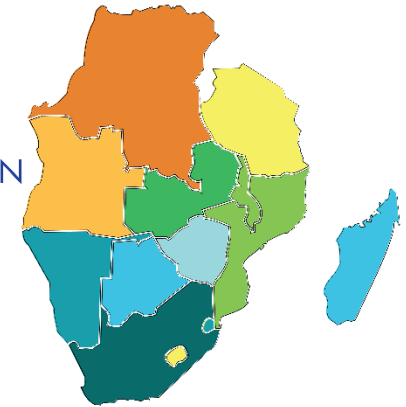
reservation of work

Super slick & efficient



SUPPLY CHAIN OF IE'S

Represent SOUTHERN Africa



BALANCE

Eng, Tech, Techni

Become strong community

collecting greatness



CEOs must have SAIEE President's phone nr on their phone

Drive Pr. X like CASA

Get closer to ECSA

Push Registration Ensure VA Status



PARTNERSHIP

Education Dept.  
SETA  
Govt



# GlueUp Member Management System and Website



The screenshot shows the homepage of the Southern African Institute for Industrial Engineering (SAIIE). The top navigation bar includes a search bar, a 'Login' link, a 'Register' button, and a LinkedIn icon. The main menu features links for 'THE INDUSTRIAL ENGINEERING PROFESSION', 'THE SOUTHERN AFRICAN INSTITUTE FOR INDUSTRIAL ENGINEERING', 'SAIIE BENEFITS', 'PIN BOARD/NOTICE BOARD/ADVERTISE (TBC)', 'EVENTS GALLERY', 'CPD TRAINING', and 'CORPORATE PARTNER MEMBERSHIPS'. The main content area has a blue background with a map of Africa and the text: 'Welcome to the Southern African Institute for Industrial Engineering'. Below this, it states 'ECSA recognized Voluntary Association' and 'ECSA CPD Licensed Body: LB\_030/2023'. Two buttons are present: 'SAIIE Benefits' and 'Join SAIIE as a member'. The bottom section is titled 'Upcoming Events' and features a 'SEE ALL EVENTS' link. A specific event is listed: 'Simulation and Digital Twins' on 'May 05, 2022 | 02:00 PM - 04:00 PM'.

 [SEARCH](#) [Login](#) [Register](#) [in](#)

[THE INDUSTRIAL ENGINEERING PROFESSION](#) [THE SOUTHERN AFRICAN INSTITUTE FOR INDUSTRIAL ENGINEERING](#) [SAIIE BENEFITS](#) [PIN BOARD/NOTICE BOARD/ADVERTISE \(TBC\)](#) [EVENTS GALLERY](#) [CPD TRAINING](#) [CORPORATE PARTNER MEMBERSHIPS](#)

*Welcome to the*  
**Southern African Institute  
for Industrial Engineering**

ECSA recognized Voluntary Association  
ECSA CPD Licensed Body: LB\_030/2023

[SAIIE Benefits](#) [Join SAIIE as a member](#)

**Upcoming Events** [SEE ALL EVENTS](#)

 **Simulation and Digital Twins**  
May 05, 2022 | 02:00 PM - 04:00 PM

# PrivySeal - implemented January 2022



We have subscribed to the PrivySeal Digital Accreditation Service to provide active SAIE members with real-time digital credentials, to showcase their SAIE membership. We believe this will benefit the SAIE by helping us to protect our Brand, Membership and Intellectual Property.





# Community Engagement Webinars

- Advanced Analytics: Simulation and Digital Twins, 5 May
- Process Optimisation in Public Health: Gauteng, 28 July
- Codera EconData Demonstration, 4 August
- Introduction to Social Design, 18 August
- On resilience, sustainability and industrial engineering, 15 September
- The Three Industrials: Industrial Engineering, Industrial Design and Industrial Psychology, 20 October
- Implementing a Continuous Improvement System in a structured approach, 17 November
- Demand Driven Material Requirements Planning (DDMRP): An Introduction, 16 March

**All the above webinars are registered for 0.2 CPD credits each**



# SAIIE33 Conference Submission Webinars

## Submission Webinar Series

- How to structure and write a great paper, 13 April
- How to write a great review, 8 June



# SAIIE33: 3-5 Oct 2021: The Capital Zimbali, KZN

This conference celebrated an Industrial Engineering Professional's true identity; the superhero who makes stuff happen. The superhero that makes nothing to happen. The superhero whose name may never be in the papers, indeed whose work prevents anything from ever appearing in the papers.

We thank each and every delegate, reviewer, committee member and sponsor for their contribution to a world desperate for superheroes and for joining our circle of friends in Zimbali – Thank you for being an Industrial!



# SAIIE33 Awards

## SAIIE33 Award for Best Paper Published in the Proceedings:

- Hybrid and beyond: Multi-methodology systems for IT project management in SA banking - **Steyn De Wet**

## SAIIE33 Award for Best Poster

- Conceptualising a learning farm: A contextual adaption of a learning factory for agriculture development - **Olga Hougaard**
- An investigation into energy saving opportunities for pharmaceutical companies in South Africa - **Ryan Olivier & Rita Steenkamp**

## SAIIE33 Award for Best Video:

- An investigation into the gap between business models and sustainability transitions and the identification of intermediary concepts - **Karen Venter**
- Nanotechnology in food safety and the food processing industry - **Tania Naicker**

## SAIIE33 Award for Hottest Whova Driver

- Kgabo Mokgohloa

# Sponsors & PARTNERS



# SAIIE Student Engagements

## Student Engagements:

- On 16 June SAIIE TUT had a very successful Colour Run and braai which left footprints on the hearts of Industrial Engineering students. Prince Mkosana, SAIIE Council's 2nd Vice-President, who was present throughout the day, represented and spoke on behalf of SAIIE Council and showed students that even "old people" can have fun! SAIIE was honoured to be a sponsor of this event.
- We encourage our Student Branches to share feedback, and know that SAIIE is always here to support!

## Student Webinars:

- How to establish and run a vibrant Student Chapter – 22 September

## SAIIE Student Membership:

- In moving towards our strategic vision, SAIIE is offering FREE student membership. We have already seen a large uptake in student registration with 300+ students from all institutions



# SAIIE Student Competition

**Solving the problem of plastic lids that reach our beaches and oceans**

## **First place:**

Nosisa Ngcaba & Njabulo Mhlungu (North-West University)

*Prize: all-inclusive attendance of the SAIIE33 Annual Conference*

## **Second place:**

Khomotjo Tsheoga, Khulekonke Sithole & Sibonelo Madonsela (WITS)

*Prize: R500 to each team member*

## **Third place:**

Ofentse Kgwadi, Goodness Sekoati & Thato Phiri (VUT)

*Prize: R300 to each team member*



# SAIIE School Outreach Programme

School Outreach programme held at **Dzata Secondary School** in the Vhembe District of Limpopo.

This SAIIE initiative aims to foster increased engagement for our members and broader communities. The outreach aimed to expose Grade 10 – 12 learners to STEM subject and career choices, and broadly to the field of Industrial Engineering.

Thank you to proSET (main sponsor), Dzata Secondary School and all our volunteers for making this Outreach a success!

**If you have any suggestions or passion projects close to your heart that can serve the IE community, let us know!**



# SAJIE: South African Journal of Industrial Engineering

**SAJIE**

**Editor: Prof Corné Schutte**

## **Section Editors**

Prof Leon Pretorius, University of Pretoria

Prof Teresa Hattingh, University of Johannesburg

Prof Jan Van Vuuren, Stellenbosch University

Prof Schalk Claasen

Dr Wilna Bean, University of Pretoria

## **Journal Administrator**

Ms Lynette Pieterse, SAIIE

## **Editorial Editor**

Mr Eldon Burger, Stellenbosch University

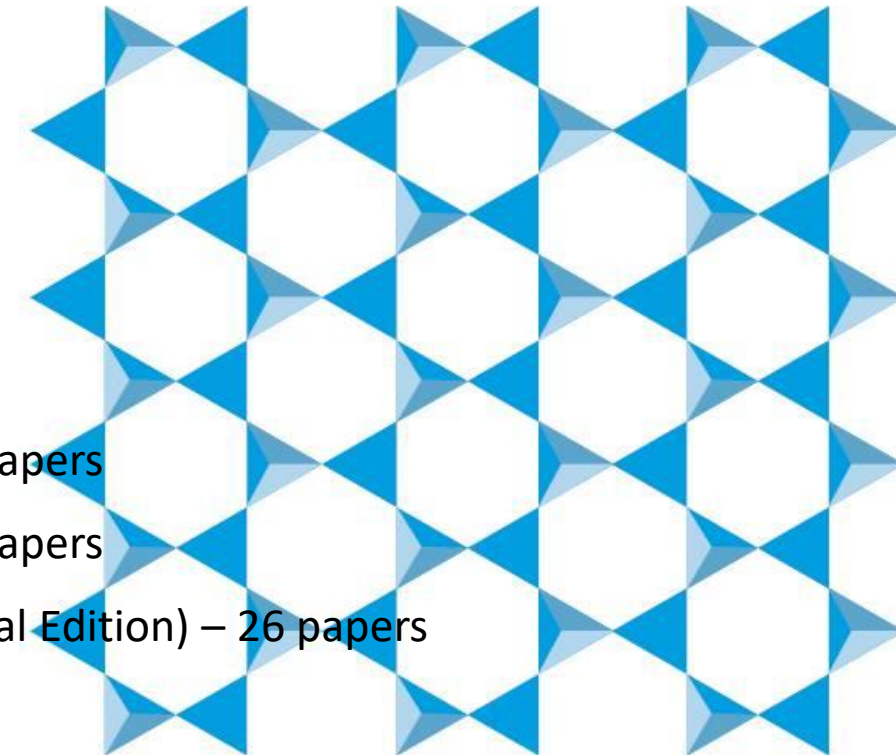
## **Editions**

SAJIE Vol 33 No 1 – 14 papers

SAJIE Vol 33 No 2 – 12 papers

SAJIE Vol 33 No 3 (Special Edition) – 26 papers

SAJIE Vol 33 No 4 – 12



Volume 20, No1 | May 2009  
ISSN 1012 – 277X

SOUTH AFRICAN JOURNAL OF  
INDUSTRIAL ENGINEERING



# CPD Provider Verification and CPD Activity Validation

- During 2021 SAIEE was accredited by the Engineering Council of South Africa (ECSA) as a CPD Licencing Body
- SAIEE was subject to an ECSA Audit for CPD on 7 December 2022 and came through with flying colours!
- The following CPD Providers and their CPD activity were verified and validated during 2021 for a period of 3 years:
  - CPD Ninja – Man/Machine/Method online conference, 0,5 CPD credits (June 2021)
  - Alpha concepts (Pty) Ltd – Systems Thinking, 2 CPD credits (June 2021)
  - VWG Consulting – A3 Problem Solving in Manufacturing, Utilities, Operations and Engineering, 2 CPD credits (Aug 2021)
  - Operations Research Society of South Africa (ORSSA) – 50<sup>th</sup> Annual Conference of the Operations Research Society of South Africa, 3 CPD credits (Sept 2021)



**Engineering Council of South Africa**

# NSTF STEMulator

Visit: <https://stemulator.org/>



World



Manufacturing tile

## Industry 4.0



Big thanks to Roald Wagener who assisted with content generation!

# Student Awards

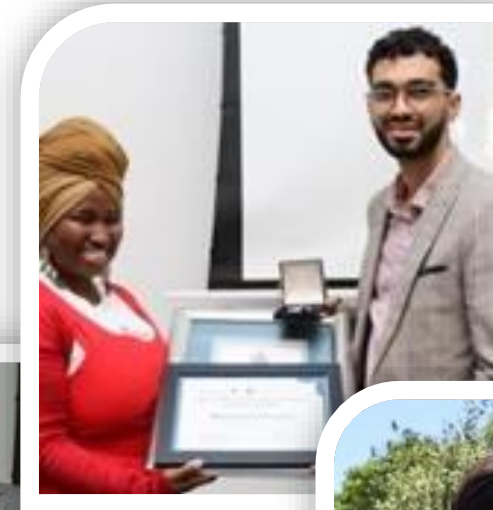
SAIIE Student Awards consisting of:

- Framed certificate
- Engraved medal
- Monetary reward

Sara McInerney



Muhammad Cassim



Justin Blem



Keegan Robus

*Interested Schools of IE are encouraged to reach out to SAIIE to discuss awards for students*

# 2022 SAIE Awards

- SAIE Award for Best Industrial Engineering Practitioner: Employer's Choice  
- **Sheila Refilwe Ngwaku**
- SAIE Award for Best Industrial Engineering Work conducted in Industry  
- **Implementing a Continuous Improvement System in a Human Capital Environment - Landi van der Merwe, Francois Sieberhagen & Bianca Meintjes**  
- **VKB Group**
- SAIE Award for Industrial Engineering Excellence in Teaching & Learning  
- **Meelan Roopa**
- SAIE Award for Best Industrial Engineering Paper Published in the SAJIE  
- **Supplier Segmentation: A Case Study of Mozambican Cassava Farmers, by Ntebaleng Matshabaphala & Jacomine Grobler (SU)**
- SAJIE Editor's Award  
- **Jan van Vuuren**
- Kris Adendorff Award for most Prominent Industrial Engineering Professional  
- **Corne Schutte**



# SAIIE Honourary Fellows

Honorary Fellows announced at the SAIIE Awards ceremony:

- Dieter Hartmann
- Waldo Viljoen
- Abré Pienaar
- Khumbulani Mpofu



# Standard Corporate Partner members

- DSV - Global Transport Logistics (South Africa) - 42 SAIE members
- PiLog - 4 SAIE members
- Tshwane University of Technology: Department of Industrial Engineering - 10 SAIE members



# SAIIE Connect on social media



SA IIE Connect · 1st  
A vibrant society of learned professionals  
City of Johannesburg, Gauteng, South Africa · [Contact info](#)  
6,808 followers · 500+ connections



SA IIE Connect  
71 subscribers  
HOME VIDEOS PLAYLISTS



saieconnect [Message](#)  
376 posts 375 followers  
SA IIE  
Science, Technology & Engineering

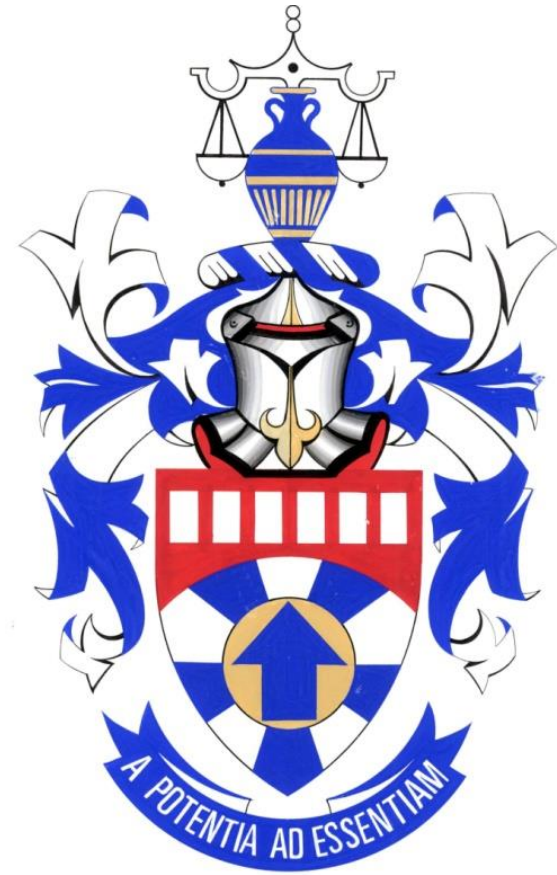


SA IIE Connect  
@saieconnect  
Follow



SA IIE Connect is powered by: **GAZZAROO**

# SAIIE CONSTITUTION

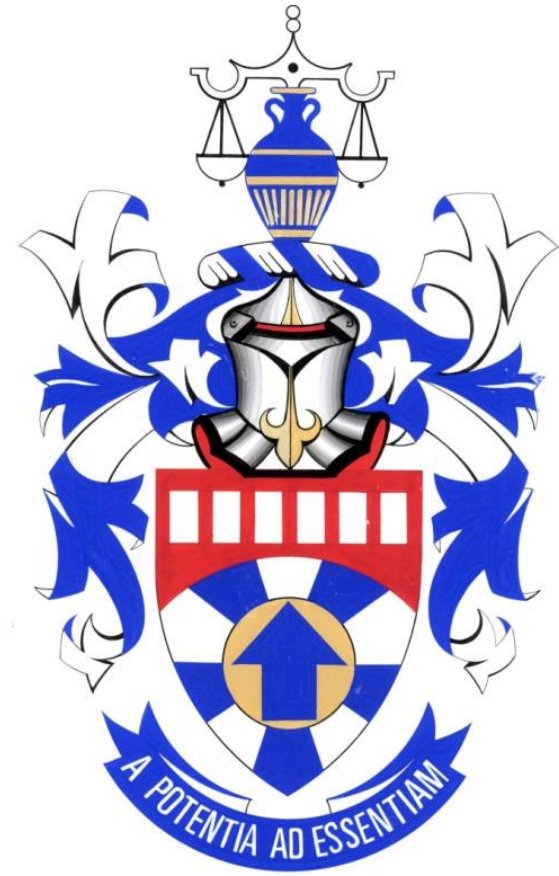




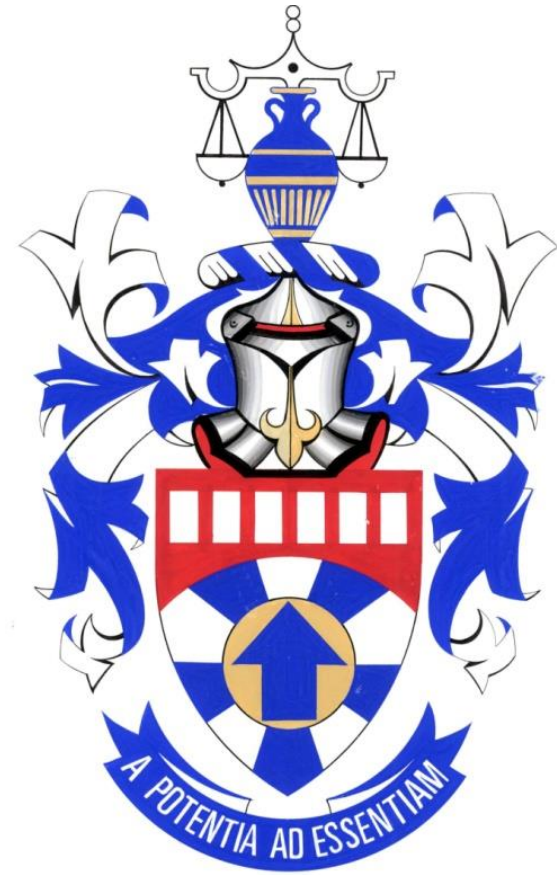


# HEART OF IE

Vanya Jansen  
PEP National Distribution Center Manager



# PRESIDENT'S AWARD





**Southern African Institute for  
Industrial Engineering**

**President's Award**

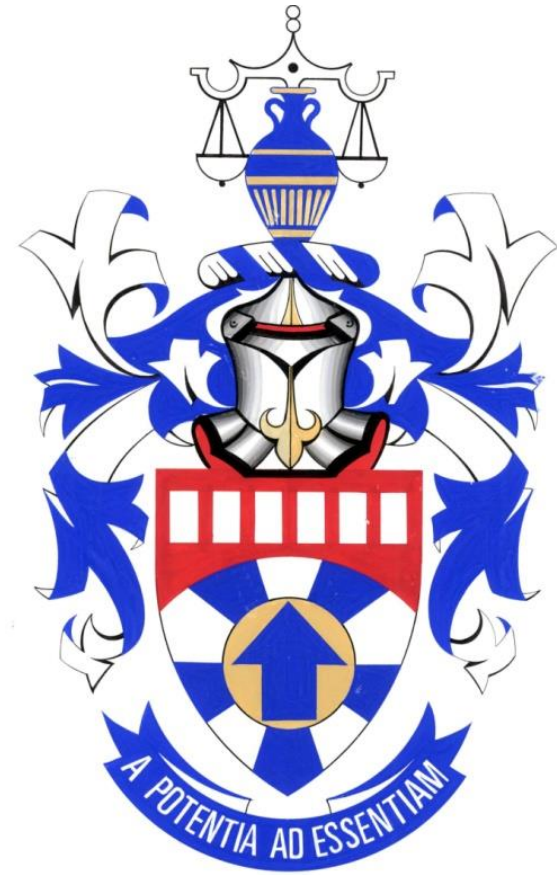
awarded to

*Prince Mkosana*

For pursuit of excellence in various endeavours to the advancement of SAIIE  
awareness and community engagement

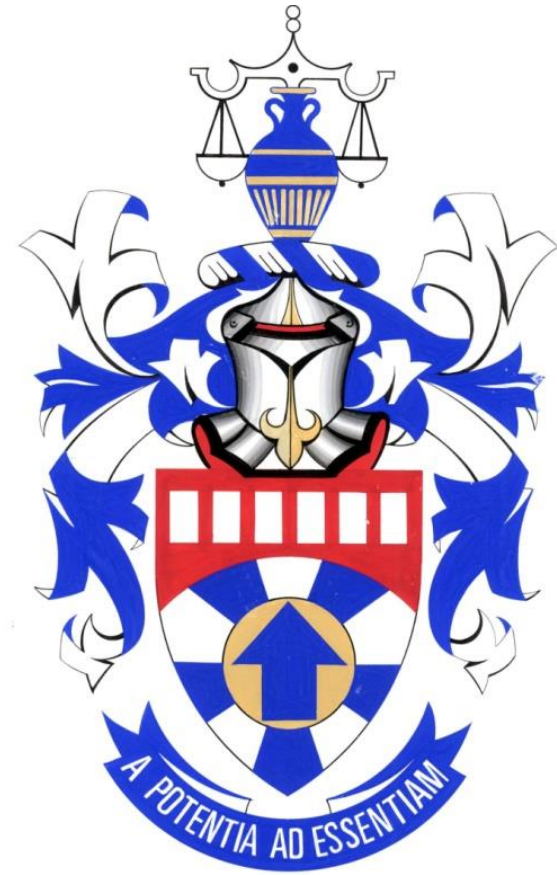
**Date of issue : 18 April 2023**

# PRESIDENT'S FAREWELL

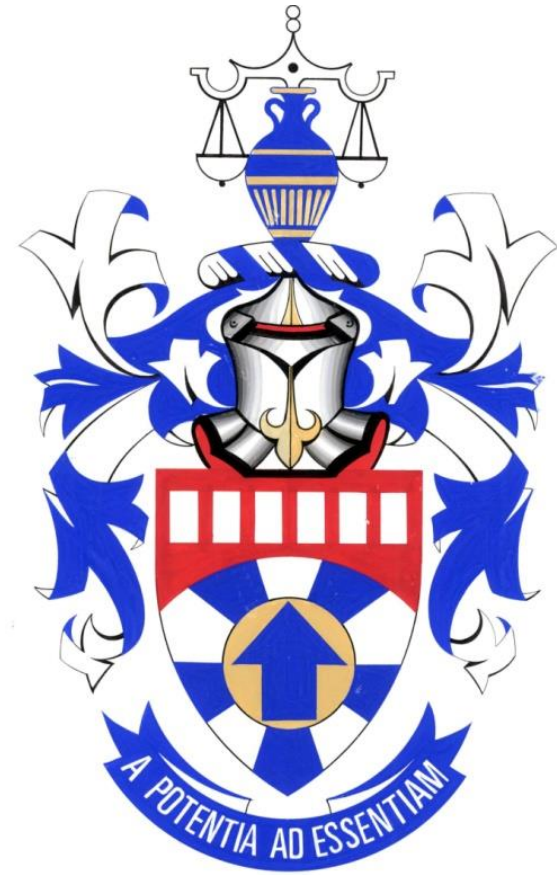


Inaugural

# NEW SAIIE PRESIDENT

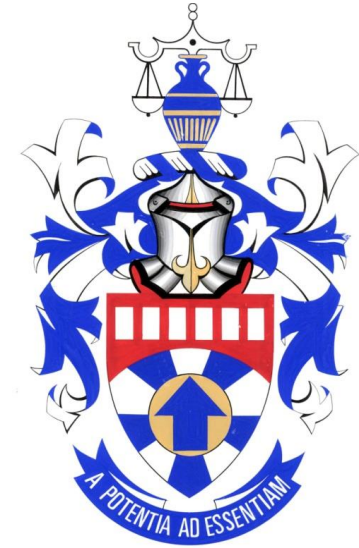


# ANNOUNCEMENT OF COUNCIL MEMBERS



# SAIIE Council 2023/2024

- Teresa Hattingh - President
  - Prince Mkosana - 1<sup>st</sup> Vice President
  - Jacques Fauré- Immediate Past President
- 
- Corné Schutte
  - Dieter Hartmann
  - Freddy Tshikala
  - Imke de Kock
  - Nwabisa Ntiyane
  - Nomsa Spaumer
  - Ninett Hesse
  - Tshidi Mndzebele
- 
- Kgabo Mokgohloa
  - Eward Rukobo
  - Jean van Laar
  - Tshavhuyo Sesane
- 
- Lynette Pieterse - SAIIE Administrator





**BE THE PIECE**  
International Conference on Industrial  
Engineering, Systems Engineering and  
Engineering Management

**Where**  
Lord Charles Hotel,  
Somerset West,  
South Africa

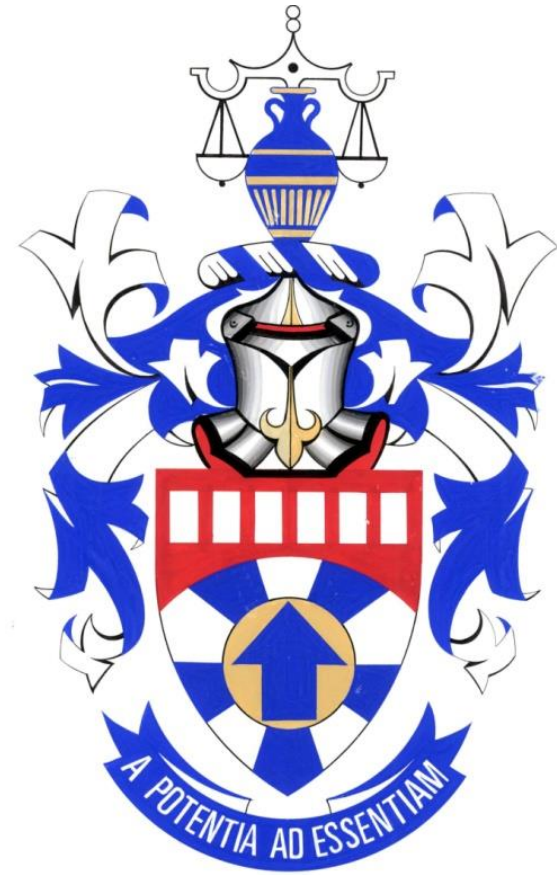
**When**  
2-4 October 2023



# UPCOMING EVENTS



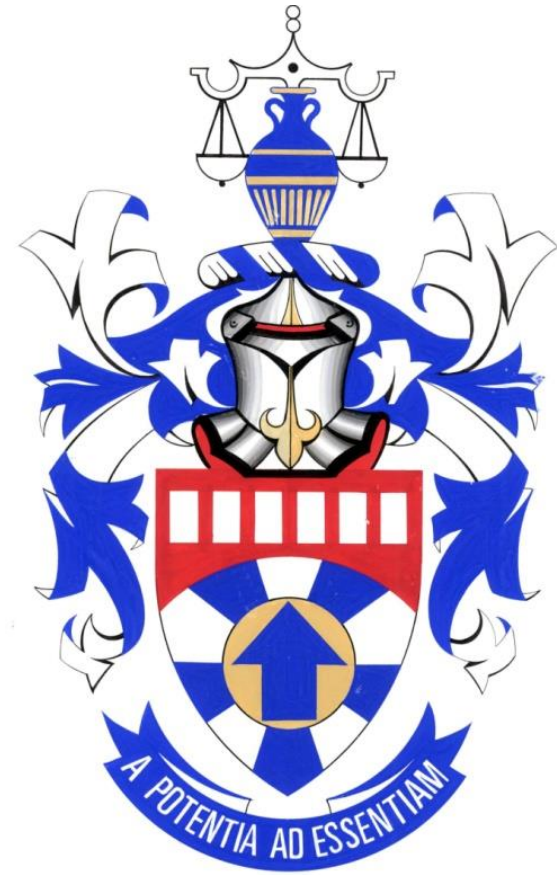




**CLOSURE OF THE MEETING**



# OPEN DISCUSSION



# Mission

We represent and promote the professional interests of our Members and of the Industrial Engineering discipline in Southern Africa. In doing so we aim to enhance the supply and demand for Industrial Engineering.

