



SOUTH AFRICA

International Council on Systems

INCOSE SA, PO Box 67018, Highveld Park, 0169, South

INCOSE SOUTH AFRICA NEWSLETTER | Q1 2025

1. Message from the President

As we embark on another exciting year, I would like to take this opportunity to express my gratitude for your continued support and engagement with INCOSE South Africa. Together, we have accomplished remarkable achievements in advancing the systems engineering community, and 2025 promises to be a year full of opportunities for growth and collaboration.

With the recent election results, we look forward to a year of dynamic leadership and continued dedication to excellence in systems engineering. I am particularly excited about the upcoming events and the various initiatives we will be rolling out this year. Thank you for your ongoing commitment to the profession and to INCOSE South Africa.

INCOSE SA is pleased to resume the newsletter after a pause of several years. However, we rely on your support and participation to make this initiative successful. We welcome your feedback regarding the content that should be included in the newsletter, as well as activities and events occurring in your professional environment.

Let's continue to drive forward the future of systems engineering!

2. INCOSE SA 2025 Chapter Management

We were pleased to announce the new Chapter Management Committee (CMC) for 2025 late last year:

- **President:** Basie Jansen
- **President-Elect:** Molawa Ngoetjana
- **Treasurer:** Paul Pretorius
- **Administration Officer:** Richard Shaw
- **Membership Officer:** Tebogo Matshoge
- **Programmes Officer:** Sizwe Seranyane
- **Technical Officer:** Alan John
- **Information Officer:** Stewart Gebbie

To ensure the success of our chapter in achieving its long-term goals, the new CMC held a Strategy Session on 15 February 2025. The session focused on reviewing and refining the Chapter's strategic direction. The key points of discussion included:

- a. **Review of the Strategic & Operational Plan:** The current document was evaluated to determine if it should be divided into two separate plans:
 - Strategic Plan: This would outline long-term objectives, vision, mission, and the chapter structure, aligning with INCOSE's 2035 strategy.
 - Operational/Business Plan: This would focus on "in-year" objectives, detailing the sub-objectives of the strategic goals and the financial projections and budgets for the next two years.
- b. **Confirmation and Revision of Strategic Objectives:** The committee discussed potential changes or additions to the strategic objectives of the chapter.
- c. **SWOT Analysis:** A SWOT analysis was conducted to assess the current state of the chapter, identifying strengths, weaknesses, opportunities, and threats.
- d. **Roles and Responsibilities Scrutiny:** Each CMC member's roles and responsibilities were reviewed to ensure alignment with their positions and the chapter's needs.
- e. **Review of Bylaws:** The current bylaws were reviewed, and the process for their approval was discussed.
- f. **Quality Management System (QMS):** The importance of drafting a QMS plan, which must be approved by the CMC, was emphasized. This is a statutory requirement by ECOSA, focusing on the creation of process plans and a list of internal processes.

With the completion of this strategy session, the 2025 CMC is aligned on the way forward, ensuring that the INCOSE SA Chapter continues to grow and serve its members effectively. The strategic and operational plans will be updated to reflect the chapter's evolving goals and the changing landscape of systems engineering in South Africa.

We are excited about the year ahead and look forward to working together to achieve these important objectives.



The CMC members are eager to continue the work of advancing systems engineering in South Africa and look forward to collaborating with the broader community in delivering value and growing the systems engineering discipline. For more info check out our website: <https://incose.org.za/about-us/#cmc-id>

3. INCOSE SA New Members

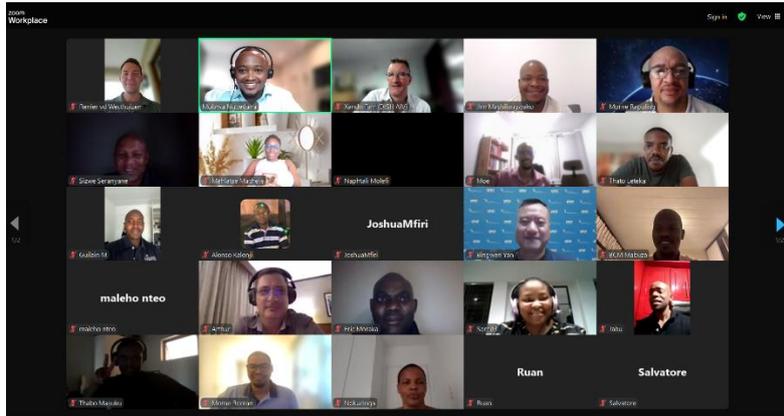
We are thrilled to welcome our new members who joined INCOSE South Africa in Q1 2025. Your membership helps strengthen the systems engineering community and we look forward to your active participation in upcoming events, workshops, and initiatives.

Welcome to:

Nokwanda Fakude Shaleena Jayaram Jonathan Lun Lehlohonolo Maepho
Mpilo Mkhize Gideon van Eeden Renier v/d Westhuizen Christo Visser

4. INCOSE SA 2025 SEP Cohort

The 2025 Systems Engineering Professional (SEP) Cohort was successfully completed on 26 March 2025. The cohort members, who attended 80% of the sessions were awarded certificates of completion.



This year’s cohort finished off with an insightful presentation by Dr. Bernardo Delicado, ESEP, on "SEH5E Unveiled: Enhancements and Key Takeaways for Certification Success."

INCOSE South Africa Webinar (SEP Cohort):

***SEH5E Unveiled:
Enhancements and
Key Takeaways for
Certification Success***



Presented by
Bernardo Delicado, PhD, ESEP - SEH5E Editorial Team

26th March 2025



incose.org | 3

For a detailed review and the key takeaways from this session, visit the full article by Dr. Delicado [here](#).

5. Certification Update

We are pleased to welcome and congratulate the following new members of INCOSE South Africa for their outstanding achievements in obtaining INCOSE certification:

- **Tseke S. Makola:** ASEP (Associate Systems Engineering Professional) certified on **10 March 2025**. Tseke is with **SARAO** (South African Radio Astronomy Observatory).

- **Maleho Nteo:** CSEP (Certified Systems Engineering Professional) certified on **31 March 2025**. Maleho is with **Armcor**.
- **Lindelani Ramuthivheli:** ASEP (Associate Systems Engineering Professional) certified on **18 February 2025**. Lindelani is with the **South African Navy**.

These certifications mark significant milestones in the careers of these professionals, demonstrating their dedication to excellence in the systems engineering field. Congratulations to Tseke, Maleho, and Lindelani for this well-deserved achievement! We are proud to have you as part of our growing INCOSE South Africa chapter.

6. INCOSE SA 17th Conference 2025

The seventeenth INCOSE SA Conference 2025 is scheduled for Wednesday 5 through Friday 7 November 2025 at the CSIR Convention Centre in Pretoria, South Africa. Call for participation (papers/presentations) was sent via email and is also available on the website [here](#).

7. INCOSE SA GYSEYOY 2025 Challenge

INCOSE South Africa is excited to announce the launch of the **2025 GYSEYOY Challenge**, focused on tackling the global plastic waste crisis. For more details on how you can participate, visit the official announcement [here](#).

8. Events Highlights

The INCOSE South Africa Chapter continues to offer diverse learning opportunities through our events. This quarter, we hosted the following chapter events:

Systems Engineering from a Systems Engineering Standards Perspective by John O. Clark. It was an enriching experience, and we thank all those who attended.

Upcoming Events:

- a. System Integration (29 May 2025) – Hybrid.
- b. The Termite People (tentatively in June) – Hybrid.
- c. Discovering SE in Space Geodesy (29 May 2025) – Hybrid.

Stay tuned for more events coming soon!

9. INCOSE Systems Engineering Handbook for sale

We are thrilled to report that all **20 copies** of the INCOSE Systems Engineering Handbook have been successfully sold! This marks a significant achievement in supporting the professional development of our members and the broader systems engineering community.

We would like to extend our gratitude to everyone who purchased a copy and supported this initiative. These handbooks are invaluable resources for those pursuing INCOSE certification and for any systems engineering professional looking to deepen their knowledge and skills.

Thank you for your continued support, and we look forward to offering more resources in the future to aid in your journey toward excellence in systems engineering!

10. Website Updates

Since January 2025, the INCOSE South Africa website has undergone several updates to improve functionality and user experience. Key updates include:

- A more intuitive navigation system
- Enhanced member access features
- Updated event calendar and resource library

Visit www.incose.org.za to explore the changes and access the latest updates.

11. INCOSE SA Membership Fees

INCOSE South Africa must after two years of not increasing the membership fee announce that that new membership fee will be R2000.00 from 1 June 2025. This is mainly due to the increase in membership fee from INCOSE Central, exchange rate and duty fee payable for the transfer.

12. INCOSE SA Advertisement Packages

INCOSE South Africa offers advertisement packages to help you reach our professional community. These packages include:

- **Newsflash** to our subscribers list for R1,000
- **Advertorial** placement in the next INCOSE SA newsletter for R1,000 (up to 500 words, company logo, and 1 image)

For more details, please contact us at info@incose.org.za.

Stay connected and engaged as we continue to grow and advance systems engineering together in 2025!

INCOSE South Africa Chapter www.incose.org.za

