



Contribution ID: 418

Type: **not specified**

BoF: Women in HPC “Advancement through the professional staircase”

Wednesday, 3 December 2025 15:30 (1h 30m)

Title: “Women in High Performance Computing South Africa (WHPC-South Africa)”

Duration: 90 minutes

Type of session: Advancement through the professional staircase

Organiser(s): Name Affiliation Email Address

1. Khomotso Maenetja University of Limpopo khomotso.maenetja@ul.ac.za
2. Raesibe Ledwaba University of Limpopo raesibe.ledwaba@ul.ac.za
3. Beauty Shibiri University of Limpopo beauty.shibiri@ul.ac.za
4. Tebogo Morukuladi University of Limpopo tebzamorukuladi@gmail.com

Description:

The WHPC BOF session for 2025 will be a reflection session where women in HPC will be sharing on how their careers have advanced in the past 5 years also sharing how the platform has impacted on encouraging women to take leadership or management roles in their workspace. This will give feedback on underrepresentation of women in HPC especially in leadership.

As a result, we are glad to offer an invitation to both male and female conference attendees to continue where we left off with the last session at the 2024 annual conference. The major goal of bringing them together at the meeting was to develop a network of female HPC professionals in South Africa. The CHPC executive team gave major assistance to the workshop, which was sponsored and attended by both men and women.

Anticipated Goals

- Improve women’s underrepresentation in HPC (Contribute in increasing the number of women and girls participation in HPC through training and networking)
- Share information and resources that foster growth for women in HPC (institutionally and across community)
- Raise our professional profiles
- Encourage young girls at school level to consider HPC as a career of choice

Size: 80

Target audience: Women and Men

Prerequisites: Registered CHPC conference attendees

Chair(s):

Ms NN Zavala and Ms MG Mphahlele

Outline of programme: — Single 90 min

1. Opening – Prof Khomotso Maenetja (3 min)
2. Presentations
 - a. Introduction of the guest speaker – Prof RR Maphanga
 - b. Guest Speaker – Keynote speaker – 30 Min
 - c. Dr Tebogo Morukuladi – Academic Journey (15 min)
 - d. Ms CS Mkhonto (University of Limpopo, Faculty of Science and Agriculture Student Ambassador) (15 min)
 - e. Ms Precious Makhubele and Keletso Monareng – Moving from Masters to PhD Journey (15 min)
3. Closure – Prof RS Ledwaba (2 min)

Presenting Author

Email

Student or Postdoc?

Institute

Registered for the conference?

CHPC User

CHPC Research Programme

Primary author: Prof. MAENETJA, Khomotso (Materials Modelling Centre)

Co-authors: LEDWABA, Raesibe Sylvia (University of Limpopo); MORUKULADI, Mogahabo (University of Limpopo); SHIBIRI, Beauty (University of Limpopo)

Presenter: Prof. MAENETJA, Khomotso (Materials Modelling Centre)

Session Classification: HPC Applications

Track Classification: Computational Chemistry