



African Landscape Genomics Annual Conference

Call For Abstracts

The Inaugural African Landscape Genomics Annual Conference (ALGAC) 2026

Join the first ever scientific gathering where cutting-edge genomic research meets interdisciplinary innovation. ALGAC 2026 brings together researchers, students, and experts working across plants, animals, microbes, viruses, and environmental systems. As a conference that promotes integrative genomics, ALGAC connects molecular insights with broader fields such as ecology, conservation, agriculture, and One-Health principles.

27- 29 JULY 2026



Irene Country Lodge
Centurion
Gauteng, South Africa

Theme

Genomes Across Landscapes: Integrating Multi-Kingdom Genomics for a Resilient Africa

Speakers

Prof. Martin Nyaga

Head of the University of the Free State Next Generation Sequencing Unit



Dr. Damaris Odeny

Cluster leader in Genomics, Pre-breeding and Bioinformatics, within the ACI program at ICRISAT



Dr. Khanyisile Mdladla

Senior ARC Researcher in Biodiversity and population- landscape genomics



Subthemes

We invite abstracts aligned with (but not limited to) the following subthemes:

- Human Genomics, Adaptation & Health
 - Genetic diversity, ancestry, and adaptation
 - Landscape genomics of infectious and non-communicable diseases
- Livestock, Wildlife & Aquatic Genomics
 - Genomic resilience of livestock breed
 - Wildlife adaptation & conservation genomics
 - Aquatic species genomics, fisheries, and invasive species
- Plant & Crop Genomics
 - Climate-resilient African crops
 - Genomics for food security
 - Landscape-environment interactions in agricultural systems
- Pathogen, Vector & One Health Genomics
 - Parasites, vectors, and zoonotic pathogens
 - Integrated One Health surveillance systems
 - Environmental drivers of disease transmission
- Bioinformatics, Big Data & Computational Genomics
 - Population genomics tools
 - AI, machine learning, and genomic prediction
 - FAIR data, databases & genomic resource sharing
- Landscape Ecology, Climate Change & Environmental Genomics
 - Genomic responses to climate variability
 - Eco-evolutionary processes
 - Remote sensing, GIS, and spatial modelling

Important Dates

Abstract Submission Deadline

Extended to **15 May 2026**

Registration Opens:

Early Bird:
At any time from the date of receipt of the acceptance letter until **1 April**.

Standard:
01 April-01 May

Late Registration:
01 May- 15 July

Presentations

Full Paper Presentations:
20-minute presentations with 5 minutes for discussion

Poster Sessions:
Presented on an A1 poster

Speed Talks:
5-minute concise presentations followed by 2 minutes for questions

Registration Fee

STUDENT RATES

Early bird	R 3500
Standard	R 4000
Late registration	R 5000

RESEARCHERS RATES

Early bird	R 4500
Standard	R 5000
Late registration	R 5500

Exhibition Rate

Companies are cordially invited to showcase their products at the conference.

• **Exhibition Stands: R 5000**
PAY BY: 15 July 2026

Excursion

Your registration includes access to an enriching excursion to the Cradle of Humankind (Maropeng).

Submission Link



Co-hosted by



Tshwane University of Technology

For more info visit:

<https://www.tut.ac.za/2026algac/>

Contact Us



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