

IUFRO Tree Biotechnology 2027 Conference | 25 to 30 April 2027

Stellenbosch | South Africa

Intelligent Forests - Facing the Future

You are invited to submit abstracts for consideration in the final program of the IUFRO Tree Biotechnology Meeting. Please note that, depending on the number of abstracts received, the Scientific Committee may allocate some contributions to the Poster and/or Lightning Talk sessions.

Our conference theme, “*Intelligent Forests - Facing the Future*,” highlights the critical intersection of advanced forest biotechnology, genetics, and data science with the pressing socio-ecological challenges of a rapidly evolving world. We call on the International Tree Biotechnology Community to submit abstracts that address these themes and report progress on cutting-edge innovations in genomics, bioinformatics, tree and wood development and molecular physiology, molecular breeding, gene editing, and climate resilience (see Session Topics below and on the website).

ABSTRACT SUBMISSION PROCESS

Abstracts must be submitted using the online submission form available on the Conference website.

- Please use the exact Word template provided.
- Please name your file: SURNAME, INITIAL (Example: Cloete D).
- If you submit a revised abstract, please name the file: SURNAME, INITIAL, REVISED (Example: Cloete D Revised).
- If you submit more than one abstract, please number the documents (Example: Cloete D - Abstract 1, Cloete D - Abstract 2).

Abstract Submission Deadline: 2 November 2026

Abstract Template: Available on the Conference website

Guidelines:

- The entire abstract should be in single spacing (1.0) using 12-point Times New Roman Font with margins as set in the template.
- Title in bold, 12-point, centered, Sentence case.
- Indicate the presenting author with *
- For all authors, indicate department and/or institution, city, state/province, country.
- Abstracts should be approximately 250 words.
- All abstracts will be reviewed and may be selected for oral presentation or poster presentation or may be rejected if outside the scope of the meeting.
- Notification of acceptance or rejection by the Scientific Committee will be emailed to the presenting author by the date indicated on the website.
- Acceptance of abstracts for poster presentation will be in writing, together with detailed poster presentation instructions.

CONFERENCE PROGRAMME

Session topics will include:

- Biological, evolutionary, and ecological insights from 'omics
- Application of AI in tree genomics and biotechnology
- Genes, development, and physiology
- Biotechnology for biomaterials and bioeconomy
- Genetic engineering and reproductive biology of forest trees
- Genomics and phenomics for tree improvement
- Trees in changing landscapes (biotic and abiotic stress)
- Translating genomics and biotechnology to practice

Poster Abstracts

Authors selecting to submit their abstracts for a poster will be asked to indicate their topic, as well as whether they would like to present a lightning talk.

Lightning Talks

There is a limited number of lightning talk slots. Authors who are selected for these slots will have the opportunity to present a two-minute “lightning talk” including a title and overview slide summarising their results. This will place their poster in the larger context of the meeting and allow authors to invite attendees to discuss their findings during the poster session.

We appreciate your participation and look forward to receiving abstracts for the IUFRO 2027 Conference

PRESENTING AUTHOR INSTRUCTIONS (ORAL)

All presentations will be loaded and presented from the official congress computer at the podium, which will be a MacBook to ensure compatibility with both PC and Apple. Personal laptops will not be connected to the AV system.

- The presentation file should ideally contain approximately 10-15 slides based on the allocated presentation time. Presenters are responsible for the content of their presentation.
- Standard slide format: MS PowerPoint pptx in 16:9 ratio
- All presenters are required to submit their presentation file on a USB memory stick at least one day before the session in which they will present.
- Those presenting on the first day must upload their presentation during registration prior to the Welcoming Reception.
- A technician will be available at the podium to assist speakers to upload their presentations.
- Presentation files must be named with the presenting author's Surname, Initial and Session number (Cloete D - Session 1.pptx).
- Presenters must meet with the chairperson 15 minutes before the start of the session to familiarize themselves with the setup.
- Please do not include videos as hyperlinks; they must be embedded in the presentation in MP4 format. Please also provide your video files separately. All videos included in the presentation slides must be checked on site to ensure proper functioning.

PRESENTING AUTHOR INSTRUCTIONS (POSTER)

- Authors selected for a poster presentation will receive detailed specifications for their posters.
- The poster submission will remain open until closer to the meeting (deadline to be communicated via the website).

Please contact the event organizers at abstracts@iafrica.com, if you have any questions.