

Workshop on Advanced Nuclear Science and Technology Techniques ANSTT6



iThemba LABS,
Cape Town

18-22 May 2026

The sixth workshop on Advanced Nuclear Science and Technology Techniques (ANSTT6) will be held at iThemba LABS, Cape Town, during 18-22 May 2026.

This workshop will focus on:

- Cosmic Ray and Muon Physics and Applications,
- Environmental Measurements,
- Future experimental programmes at iThemba LABS,
- Nuclear Energy,
- Nuclear Experimental Techniques and Data Analysis,
- Nuclear Safety and Security,
- Nuclear Structure Studies and
- Radiation and Health Physics.

Abstract submission
NOW OPEN

The workshop will be structured for presentations, discussions and networking. Collaborations and networking will again be at the forefront of the workshop, including Memoranda of Understanding. The workshop offers a comprehensive programme of invited talks, accepted talks, poster presentations by students and round-table discussions. Lectures on specific topics will be presented in a hybrid format in the afternoons allowing for a wider audience at no cost for virtual attendance.

Oral and poster presentations are subject to abstracts being accepted by an advisory panel. A limited number of bursaries are available for young and emerging researchers from Sub-Saharan African institutes covering travel expenses and local accommodation at iThemba LABS.

The workshop site can be found here: <https://indico.tlabs.ac.za/event/139>

Prior to the Workshop, 13-15 May, the Southern African Institute for Nuclear Technology and Sciences (SAINTS) at iThemba LABS will be hosting a satellite event, the SPAMs workshop on Spectrum, Presentation, Analysis, and Manipulations. This hands-on workshop will introduce students and researchers to a variety of data analysis techniques through lectures, presentations and demonstrations. Courses will introduce attendees to methods and techniques relevant to the ANSTT workshop.

*Pete Jones (iThemba LABS) and Alison Bruce (University of Brighton)
on behalf of the organising committee.*

We look forward to seeing you in Cape Town in May 2026!



science, technology
& innovation
Department:
Science, Technology and Innovation
REPUBLIC OF SOUTH AFRICA



iThemba
LABS
Laboratory for Accelerator
Based Sciences



Science and
Technology
Facilities Council