

# GATEWAY FOR EXCHANGE & DEVELOPMENT



## INTERNATIONAL RESEARCH INFRASTRUCTURE GATEWAY (IRI-G)

### UPDATE ON IRI-G March 2021:

iThemba LABS is committed to become Africa's GATEWAY to International Research Infrastructure by providing an incubator within which young research scientists and technicians can be trained and upskilled to address the myriad of challenges faced by our Country, Continent and the World. Conferences and workshops with participation from International experts create platforms that not only encourages networking, but also facilitates the transfer of knowledge and skills.

iThemba LABS will be hosting and coordinating the following events in the months to come, namely the Advanced Nuclear Science and Technology Techniques (ANSTT) and the African Nuclear Physics Conference (ANPC). It is hoped that these events will attract participation from both local and international researchers and students.

### Advanced Nuclear Science and Technology Techniques (ANSTT3) Workshop

The ANSTT3 will be a 5-day workshop focusing on accelerator mass spectrometry, metrology and applications, environmental measurements and nuclear structure studies at iThemba LABS. The workshop is scheduled to take place from **13 – 17 September 2021**. This follows on from the ANSTT series of meetings held in 2018 and 2019.

Due to the Global Pandemic we are currently investigating the best platform for the Workshop, either as in-person, virtual, or a hybrid solution. More information will follow shortly.

Collaborations both UK-Africa and inter- Africa will again be at the forefront of the workshop, including Memoranda of Understanding. The workshop will be organized by the University of Brighton and iThemba LABS.

### Topics to be discussed include:

- Accelerator Mass Spectrometry
- Metrology and applications
- Environmental measurements
- Neutron physics and applications
- Nuclear structure studies
- Collaborations, UK-Africa, inter-Africa
- Future experimental programmes at iThemba

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## 2<sup>nd</sup> African Nuclear Physics Conference (ANPC2021)

The second African Nuclear Physics Conference (ANPC) is scheduled to be held from **20 – 24 September 2021** in the Hoedspruit region of South Africa. The organisers are hoping to offer the conference as a hybrid event that allows for in-person and remote participation. Building on the foundation of the immensely successful inaugural ANPC held near the Kruger National Park in July 2019, ANPC 2021 will again take the unique approach of combining a topical nuclear physics conference with a workshop aimed at focussed discussions on select open questions in nuclear physics. The theme for this year's workshop is Nuclear Physics with Large Gamma-ray Arrays and Stable Ion Beams. A jam-packed programme is planned with invited speakers from the African continent and abroad as well as a showcase and celebration of the infrastructure, expertise and excellence available on the African continent.