

African Institutions Collaborating with iThemba LABS

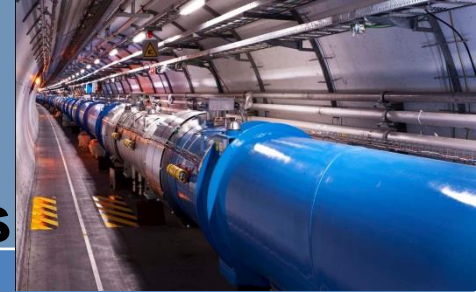
African Collaborations Country/University

1. Mozambique (Eduardo Mondlane University)
2. Zambia (University of Zambia)
3. Botswana (Univ. Botswana, + BIUST)
4. Nigeria (University of Ile-Ife + CERD)
5. Sudan (Univ. Sudan Science & Tech)
6. Cameroon (University of Yaoande)
7. Ghana (University of Ghana)
8. Ethiopia: (University of Addis Ababa
9. Senegal (Cheik Anta Diop University)
10. Algeria (COMENA), Bilda University
11. Senegal (Cheik Anta Diop University)
12. Burkina Faso (Intl. Inst. For Environ +Water)
13. Egypt: (Nile University of Cairo)+ Univ. Alexandria



- *We are currently devoting significant effort and attention to widening our collaborative footprint on the African continent in the field of Subatomic Physics*

iThemba LABS International Collaboration



- iThemba LABS collaborates with a wide range of International Research Laboratories

Institution	Country	Nature of Collaboration
CERN	Switzerland	Access of Major Research facility (LHC)
JINR	Russia	Student Training (+ project equipment development)
ANL	USA	Target Development Training (INTDS)
SOLEIL + CNRS	France	Access of Equipment + Student co-supervision
FAIR-GSI	Germany	Scientific Collaborations: Antiproton and Ion Research
RIKEN	Japan	Technical Staff Training + transfer of expertise
LEGNARO + ICTP	Italy	Technical project development + student support
BNL	USA	South African Institutional Consortium: iThemba LABS

International Collaborations

- We continue to exploit our strategic linkages with major international research facilities (and universities)

[Our recent gains from our international collaborations include donation of bending and switching magnets from Helmholtz Center (to enhance the capability of our new 3 MeV Tandetron, saving us about R10M)]

- Both staff and students are sent for collaborative technical training at RIKEN, Legnaro, CERN, JINR), [Universities: [Jyväskylä](#) in Finland, Oslo in Norway, etc.]
- (BNL to be added)

Enhancing Training Through Research Collaborations - MoUs

A number of MoUs signed with Local and International Partners

- MoU iThemba LABS - BIUST Botswana International University of Science and Technology
- MoU iThemba LABS - IFIN-HH: Romania
- MoU iThemba LABS - ENSAR: European Nuclear Science and Application Research
- MoU iThemba LABS - University of Oslo: Sub-atomic Physics
- MoA iThemba LABS - University of Blida (Algeria): Material Science
- MoU iThemba LABS - UJF-Prague (Czech Republic): Pending
- MoU iThemba LABS - ATOMKI (Hungary): Pending
- MoU iThemba LABS - INSTN: Establishment of SAINTS

