

Are you finishing off your BEng or BTech-degree in Electrical and Electronic Engineering and wondering about possible research projects

Well, look NO more!

The ALICE-collaboration (<https://alice.cern>) based at iThemba LABS has the following project to offer to a prospective Master's student:

- A customised user logic firmware for the ALICE (A Large Ion Collider Experiment) Muon Identifier (MID) readout chain.
- A detailed description of the project can be found at <https://sa-cern.tlabs.ac.za/wp-content/uploads/pdf/sa-cern/ALICE-Master-project-2020-final.pdf>

The ideal candidate should have completed the previous degree with an aggregate of at least 65%, have knowledge in electronics (specifically embedded systems and HDL programming), and thrive in a challenging learning environment.

**For more information contact**

Prof Zinhle Buthelezi: [zinhle@tlabs.ac.za](mailto:zinhle@tlabs.ac.za)

Dr Siegfried Förtsch: [fortsch@tlabs.ac.za](mailto:fortsch@tlabs.ac.za)



science & innovation

Department:  
Science and Innovation  
REPUBLIC OF SOUTH AFRICA

UNIVERSITY OF THE  
WITWATERSRAND,  
JOHANNESBURG

