



## LECTURER

### Department of Physics Faculty of Science

The Department of Physics is a dynamic and growing academic department in the Faculty of Science at the University of Cape Town, and seeks to fill a permanent academic position at the rank of lecturer to strengthen its present research experimental activities within the ATLAS collaboration at CERN. UCT is committed to the Phase 1 Muon, and Phase 2 ITK (strips) upgrades. The university is in close proximity to the Centre for High Performance Computing, and iThemba LABS national accelerator facility.

#### Minimum requirements:

- A PhD in Physics, or cognate discipline;
- A research track record in experimental high energy particle physics;
- Willingness to be an active member of the ATLAS collaboration at CERN, and contribute to the present responsibilities of the ATLAS groups at UCT and iThemba LABS;
- A demonstrable ability to lecture at both introductory and senior undergraduate level (including service courses and undergraduate laboratories) and give specialist lectures at Honours (4th year) level;
- Readiness to supervise Honours-level, MSc and PhD students; and
- Willingness to contribute to departmental-level administration.

#### Selection will be informed by evidence of:

- A research track record that demonstrates recognition, experience (e.g. postdoctoral, industry), productivity and creativity;
- Meaningful contributions to operations, detector development and analysis in particle physics at a collider experiment;
- Success in the solicitation of funding for research; and
- Teaching experience, and ability to contribute to curriculum development, and postgraduate supervision.

The 2018 annual cost of employment, including benefits, is **R639 848**.

For further information regarding this position, please contact Professor Andy Buffler – Head of Department, email [andy.buffler@uct.ac.za](mailto:andy.buffler@uct.ac.za)

**To apply**, please e-mail the below documents in a **single pdf file** to Ms Vathiswa Mbangi at [recruitment04@uct.ac.za](mailto:recruitment04@uct.ac.za):

- UCT Application Form (download at <http://forms.uct.ac.za/hr201.doc>;
- A letter of motivation;
- Curriculum Vitae (CV);
- A statement (no more than 2 pages) of your research; and
- A statement (no more than 2 pages) of your teaching philosophy and vision.

Please ensure the title and reference number are indicated in the subject line.

An application which does not comply with the above requirements will be regarded as incomplete.

**Telephone:** 021 650 3003

**Website:** [www.phy.uct.ac.za](http://www.phy.uct.ac.za)

**Reference number:** E17278

**Closing date:** 19 February 2018

*UCT is committed to the pursuit of excellence, diversity and redress in achieving its equity targets. Our Employment Equity Policy is available at [www.uct.ac.za/downloads/uct.ac.za/about/policies/eepolicy.pdf](http://www.uct.ac.za/downloads/uct.ac.za/about/policies/eepolicy.pdf)*

UCT reserves the right to not appoint.