



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. The department seeks to fill a permanent academic position at the rank of lecturer to strengthen its present and future research experimental activities within the Metrological and Applied Sciences University Research Unit (MeASURe) in UCT Physics. Research within MeASURe focuses on (1) applications of nuclear physics in the areas of fast neutron beams, gamma ray detection and proton radiotherapy, and (2) solid state physics in the areas of low-temperature nano-electronics and computational condensed matter physics. The university is in close proximity to the Centre for High Performance Computing, and iThemba LABS national accelerator facility, and is pursuing further collaborative projects.

Requirements for the position:

- A PhD in Physics, or equivalent;
- A research track record in experimental applied nuclear or condensed matter physics;
- A demonstrable ability to teach at both introductory and senior undergraduate level (including service courses and undergraduate laboratories) and give specialist lectures at Honours (4th year) level.

Advantages:

- A research track record that demonstrates recognition, experience (e.g. postdoctoral, industry), productivity and creativity;
- Success in the solicitation of funding for research;
- Teaching experience, and ability to contribute to curriculum development, and postgraduate supervision;
- Experience in departmental-level administration (or equivalent).

Responsibilities:

- Teach at both introductory and senior undergraduate level (including service courses and undergraduate laboratories) and give specialist lectures at Honours level;
- Undertake research within the Metrological and Applied Sciences University Research Unit (MeASURe);
- Readiness to supervise Honours-level, MSc and PhD students;
- Contribute to the well-being of the department;
- Contribute to departmental-level administration.

The annual remuneration package for 2022, including benefits is **R805 385**.

To apply, please e-mail the below documents **in a single pdf file** to Ms Natasha Khan at recruitment06@uct.ac.za

- UCT Application Form (download at <http://forms.uct.ac.za/hr201.doc>)
- your CV (including a complete list of publications), and,
- clearly articulated Teaching and Research statements.

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 3469

Website: www.science.uct.ac.za

Reference number: E220452

Closing date: 20 January 2023

UCT is a designated employer and is committed to the pursuit of excellence, diversity, and redress in achieving its equity targets in accordance with the Employment Equity Plan of the University and its Employment Equity goals and targets. Preference will be given to candidates from the under-represented designated groups. Our Employment Equity Policy is available at www.uct.ac.za/downloads/uct.ac.za/about/policies/eepolicy.pdf

The University reserves the right not to appoint.