



**UCT SARAO SARCHI PROFESSOR:  
EXTRAGALACTIC MULTI-WAVELENGTH ASTRONOMY**

**Department of Astronomy**  
**Faculty of Science**

The Department of Astronomy at the University of Cape Town invites applications for the UCT SARAO South African Research Chairs Initiative (SARChI) Professor in Extragalactic Multi-Wavelength Astronomy. The position will be supported initially for a 5-year term by the Department of Science and Innovation (DSI) and the National Research Foundation (NRF) through a generous budget covering postgraduate students and postdoctoral fellows, administrative support, plus an operating grant, and is therefore subject to final approval by the NRF.

The focus of the Chair should be on extragalactic and HI and multi-wavelength astronomy with emphasis on galaxy formation and evolution, large scale structure (cosmic web) and observational cosmology, through radio observations with MeerKAT and synergies with ground- and/or space-based observations in the optical, infrared and sub-mm domains. The successful applicant should be a dynamic researcher with an international reputation in the above areas and will be expected to take an active role in MeerKAT and SKA science and to build up a research group around the focus area of the chair.

The Department of Astronomy at the University of Cape Town is a fast-growing, dynamic department in the Faculty of Science, with a high international standing for its research output and a leading involvement in numerous MeerKAT and SALT science projects. The department has close collaborations with SARAO and SAAO.

**Requirements:**

- A PhD in astronomy or related discipline
- Extensive experience in multi-wavelength astronomy
- Evidence of international standing and research leadership experience
- Strong record of supervising postgraduate students at PhD and MSc level
- Excellent publication record in high-impact, refereed journals
- A track record of obtaining external research funding

**Responsibilities:**

- Development of a research group;
- Supervision of postgraduate students.
- Some postgraduate-level teaching

The annual remuneration packages for 2020, including benefits, are as follows:

**Professor: R1, 309 616**

For further information regarding this position, kindly contact Assoc. Professor Sarah Blyth at [sarah-louise.blyth@uct.ac.za](mailto:sarah-louise.blyth@uct.ac.za)

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

- UCT Application Form (download at <http://forms.uct.ac.za/hr201.doc>)
- Motivation letter
- Curriculum Vitae (CV)
- A separate statement for a 5-year research 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 3469

**Website:** <http://www.ast.uct.ac.za>

**Reference number:** E200295

**Closing date:** 01 December 2020

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UCT reserves the right not to appoint.