

A postdoctoral fellowship is available for a suitably qualified individual to work in the Cosmology and Gravity Group (with Weltman) in the Department of Mathematics and Applied Mathematics at the University of Cape Town, South Africa.

Together with the Laboratory for Quantum Gravity & Strings and the Astronomy department, the group forms part of the Astrophysics, Cosmology and Gravity Centre at the University of Cape Town, www.acgc.uct.ac.za . We have research expertise ranging from radio astronomy and cosmology to string theory and quantum gravity. We are involved in a broad array of experiments and observational probes of the universe including the SKA project and its pathfinder MeerKAT, the HIRAX experiment HIRAX (Hydrogen Intensity and Real-time Analysis eXperiment) as well as the IAXO (International Axion Observatory) telescope and other local probes of dark energy, dark matter and axions.

This postdoctoral fellowship will be funded by an NRF/DST South African Research Chair in Physical Cosmology.

The successful applicant will be based at The University of Cape Town, hosted by the Department of Mathematics & Applied Mathematics.

Conditions of award:

- Applicants must have obtained a doctoral degree in the relevant areas of mathematics, physics or astronomy within the past 5 years, and may not have held any prior permanent academic or professional posts.
- The successful incumbent may, as part of his/her professional development, be required to participate in departmental activities, such as limited teaching and supervision.
- The successful incumbent will be required to comply with the university's approved policies, procedures and practices for the postdoctoral sector.

SALARY: The value of the fellowship is R220 000 per annum and is tax exempt. A generous allowance will be provided for international travel and research expenses on application.

TENURE: The tenure of the fellowship is two years at the outset, with the possibility of extension up to five years, subject to progress and the availability of funding and compliance with all NRF rules.

Cape Town is a spectacular place to live, with a range of indoor and outdoor activities, though the outdoors truly shines. We have excellent hiking, rock climbing and ocean sports all within a short distance of the university. It is a diverse and interesting city nestled within the mountain, surrounded by oceans and vineyards. View more information here. <http://www.capetown.travel/>

Email address for inquiries – Amanda.weltman@uct.ac.za . Please do not send applications to this address, they will not be considered.

Email address for applications – Tania.jansen@uct.ac.za

Applications should include a curriculum vitae, a brief statement of research interests and a list of publications. Please arrange to have three letters of reference e-mailed to the application address by 22 December 2015 for full consideration. Applications will still be considered after this date until a suitable candidate is appointed, however considerations will begin on 1 January 2016.

UCT is committed to the pursuit of excellence, diversity and redress. Our Employment Equity Policy is available <http://www.uct.ac.za/downloads/uct.ac.za/about/policies/eepolicy.pdf>

| |
|--|
| The University of Cape Town: reserves the right to disqualify ineligible, incomplete and/or inappropriate applications, and reserves the right to change the conditions of award, and/or to make no awards at all. |
|--|