



**UNIVERSITY OF THE WITWATERSRAND, JOHANNESBURG
FACULTY OF SCIENCE**

Radio Astronomy – Two Senior Positions

SCHOOL OF PHYSICS

The **School of Physics** in the Faculty of Science invites applications for two senior positions in *Astronomy / Astrophysics*, in a joint initiative with the South African Radio Astronomy Observatory and the National Research Foundation:

- Professor in Radio Astronomy;
- DST-NRF Chair in Radio Astronomy

The School of Physics, the largest in the country, engages in internationally competitive research within very diverse fields, some emerging and some established, including theoretical and experimental high energy physics, materials physics, condensed matter physics, nuclear physics, astronomy, astrophysics and astro-particle physics, high-throughput electronics, photonics, space propulsion, and physics education. The School hosts three DST-NRF Chairs, is home to the Materials Physics Research Institute with significant experimental infrastructure, the Mandelstam Institute for Theoretical Physics and the Institute for Collider Particle Physics. It plays an important role in the Centre of Excellence in Strong Materials, and hosts the Gauteng node of the National Institute for Theoretical Physics. In addition, the School has an active teaching programme that reaches over 3000 students annually and an outreach programme that includes a Planetarium.

Qualifications: Requirements include: a PhD in astronomy, astrophysics, or related areas; evidence of a distinguished research profile in observational radio astronomy, including an excellent publication record; a background and research plans connected to SKA science areas, including those to be explored by precursor instruments such as MeerKAT; experience in post-graduate supervision. Final selection will be made on the basis of scholarship and potential to contribute to the work and reputation of the School.

Duties: Professors are expected to lead a research group, including the mentoring of post-graduate students and the pursuit of independent research, teach and participate in the administration of the School, Faculty and University. Both positions come with very generous research grants. The DST-NRF Chair appointment is subject to final NRF approval

Applications: Submit a cover letter accompanied by a detailed *curriculum vitae*, indicating which position(s) is(are) being applied for, research and teaching experience, NRF rating (if available), a research proposal and teaching portfolio, certified copies of all educational qualifications and identity document and the names and email addresses of 3 referees.

To apply: External applicants are invited to apply by registering their profile on the Wits i-Recruitment platform located at <https://irec.wits.ac.za> and submitting applications. Internal applicants are invited to apply directly on Oracle by following the path: iWits /Self Service Applications /"Apply for a job".

Enquiries: For further information contact the Head of School, Prof J Rodrigues, email Joao.Rodrigues@wits.ac.za

Correspondence will be entered into with short-listed candidates only. Short-listed applicants must be available for a personal or telephonic interview.

Closing date: 20 May 2019

The University reserves the right not to make an appointment and continue searching after the closing date and only short-listed candidates will be contacted.



“The University is committed to employment equity. Preference will be given to appointable applicants from underrepresented designated groups in terms of the relevant employment equity plan and policies of the university”

♿ Committed to excellence and equity