



# UNIVERSITY OF THE WITWATERSRAND, JOHANNESBURG

## FACULTY OF SCIENCE

### Researcher in Theoretical Physics National Institute for Theoretical Physics School of Physics

Applications are invited for a five year fixed term Researcher position in **Theoretical Physics** in the Gauteng Node of the **National Institute for Theoretical Physics (NITheP)**, which is based in the **School of Physics**, University of the Witwatersrand, Johannesburg, South Africa. This position carries the same rank and salary as that of a full time academic Lecturer. Renewal for an additional five year term is possible based on performance in the post and subject to the availability of funding at the time.

Research areas of the Associates of the NITheP based at the University of the Witwatersrand include theoretical aspects of condensed matter physics, cosmology, mathematical physics, particle phenomenology and string theory. The School of Physics also has research groups in astronomy and astrophysics, experimental condensed matter physics, experimental high energy physics (in particular, the ATLAS collaboration), and nuclear physics.

**Qualifications:** Minimum qualifications are a PhD and evidence of an independent post-doctoral research profile.

**Selection:** Applicants in any area of theoretical physics will be considered. Final selection will be made on the basis of scholarship and potential to strengthen, complement or bridge current areas of research in the School.

**Duties:** The applicant is expected to lead an independent research program that may involve postgraduate students and postdoctoral research associates. The Gauteng node of NITheP maintains two postdoctoral research associate positions, and the Researcher will contribute to their selection. The Mandelstam Institute for Theoretical Physics (MITP), an institute of the University of the Witwatersrand, currently has an additional six postdoctoral research positions. The Researcher will additionally bear light administrative duties associated with NITheP regional programmes. Undergraduate teaching duties in the School of Physics are strictly voluntary.

**Applications:** Submit a cover letter accompanied by a detailed *curriculum vitae*, indicating research experience, a brief research proposal, 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](mailto: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: Friday, 27 May 2016**

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"*

**4. Committed to excellence and equity**