A Senior Lecturership in Physics is available immediately.

Research fields in the School include: theoretical and experimental aspects of condensed matter physics focusing on computational physics, electronic transport phenomena in nanoscale materials, light scattering and optical spectroscopy and nuclear and paramagnetic hyperfine interactions; experimental and theoretical high energy physics, including string theory, phenomenology and gravitation; nuclear physics; cosmology, radio astronomy and astrophysics. The DST/NRF Centre of Excellence in Strong Materials, hosted by the University of the Witwatersrand, is well established, in which the School of Physics plays a leading role. The School hosts the Materials Physics Research Institute, the Gauteng node of the National Institute for Theoretical Physics and three DST/NRF Chairs/Associate Chairs.

Qualifications
We’re looking for candidates with research interests in either of two specific fields:

- Theory - string theory, particularly more formal aspects of string theory and dualities;
- Experiment - spin transport and spin dynamics of quantum structures; ultrafast spectroscopy.

A PhD or equivalent is essential. Candidates should have post doctoral experience, a good publication record with evidence of independent research, and teaching experience.

Duties
Senior Lecturers are expected to pursue independent research, teach and participate in the administration of the School, Faculty and University.

Enquiries
For further information contact the Head of School, Professor J.P. Rodrigues, Fax: +21-11-717-6879 or email: Joao.Rodrigues@wits.ac.za

Applications: Submit a detailed CV, relevant qualifications, teaching experience and research interests together with names and addresses/email details of 3 referees to:
Ms. Busisiwe Khumalo, Human Resources Officer, Faculty of Science,
University of the Witwatersrand, Johannesburg, Private Bag 3, WITS, 2050, South Africa.
Email: Busisiwe.Khumalo@wits.ac.za, fax: +27 11 717-6009.

Closing date: 18 May 2012
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 may be given, to appointable applicants from the underrepresented designated groups in terms of the relevant employment equity plans and policies of the university. The University retains the right not to make an appointment and to verify all information provided by candidates”

Committed to excellence and equity