



FACULTY OF SCIENCE  
**JOINT NMISA-WITS RESEARCHER**  
SCHOOL OF PHYSICS

The 5-year contract post of Researcher: Experimental Photonics, with an emphasis on Structured Light for Metrology, is available from January 2018. It is a jointly funded appointment between the School of Physics of the University of the Witwatersrand and the National Metrology Institute of South Africa (NMISA).

The Structured Light group within the School of Physics is active in a range of research areas, including quantum optics, classical optics and laser optics. This new project will see structured light tools applied to metrology, with the aim of developing new metrology standards and improving existing ones.

**Requirements:** A PhD and clear evidence of a research track record in either structured light or metrology are required for this post. Candidates should ideally have at least 2 years' post-doctoral experience, with a publication record displaying evidence of independent research and impact in the field. Teaching experience will be an advantage. Preference will be given to applicants with a background in structured light and metrology, or quantum optics applied to metrology. A track record of co-supervision/supervision of postgraduate students is highly desirable.

**Duties:** The appointee will be encouraged to join the existing very active Structured Light Group and enhance the activities at NMISA, a national laboratory based in Pretoria. He/she will be expected to pursue research, teach and participate in the administration of the School of Physics and in NMISA-based research programmes.

**Enquiries: Further information about the position is available from the Head of School, Professor JP Rodrigues, e-mail: [Joao.Rodrigues@wits.ac.za](mailto:Joao.Rodrigues@wits.ac.za)**

**To apply:**

**Please apply via i-Recruitment: [www.wits.ac.za/vacancies](http://www.wits.ac.za/vacancies)**

**Please include the following:** • A covering letter clearly indicating which post you are applying for • A detailed CV with names, addresses, contact numbers and e-mail addresses of 3 referees who may be contacted • Certified copies of qualifications and all supporting documents.

**Closing date:** 12 December 2017

The University is committed to employment equity. Preference may be given to appointable applicants from the under-represented designated groups in terms of the relevant employment equity plans and policies of the University.

The University reserves the right to verify all information provided by candidates and to verify credit standing. Please note that correspondence will only be entered into with short-listed candidates. The University reserves the right not to make an appointment or to re-advertise.