

The University of KwaZulu-Natal (UKZN) is committed to meeting the objectives of Employment Equity to improve representivity within the Institution.

RESEARCH DIVISION

**PROJECT DIRECTOR
3-YEAR FIXED TERM CONTRACT**

**HIRAX FLAGSHIP PROJECT
(PEROMNES GRADE 6)
WESTVILLE CAMPUS**

REF NO.: RO11/2016

The Hydrogen Intensity and Real-time Analysis experiment (HIRAX) is a major radio astronomy telescope slated for construction in a radio-quiet area in South Africa. It will detect the effects of dark energy on the distribution of galaxies, traced by their neutral hydrogen emission. Operating between 400 and 800 MHz, HIRAX will also be a world-leading facility for studies of radio transients, pulsars, and hydrogen absorbers. HIRAX is led by the University of KwaZulu-Natal, and so UKZN seeks to appoint a Project Director who will play a critical role in its development.

The Project Director will direct the daily operational, construction and design requirements of HIRAX and the telescope site. The role includes the procurement of telescope hardware and building links with industry partners. The Project Director will be responsible for the delivery of telescope sub-systems as per project timelines, financial and contractual management of the project, and the coordination of HIRAX project activities. The incumbent will report directly to the Principal Investigator of the project.

Minimum Requirements:

- A Master's degree in Engineering or a PhD degree in Physics, Engineering, Astronomy or a related discipline;
- Three (3) years' experience in high-level participation in a scientific project;
- A broad grasp of scientific project management within an institution of higher learning or a research institution.

More information about the HIRAX project is available at <http://www.acru.ukzn.ac.za/~hirax/>

Enquiries and details regarding this post may be directed to the Line Manager for this post, Professor J. Sievers, e-mail: sieversj@ukzn.ac.za

The total remuneration package offered includes benefits. Appointment is on Conditions of Service 2012. The closing date for receipt of applications is 15 February 2017.

Applicants are required to complete the official application form ("application form – support") which is available on the Vacancies website at www.ukzn.ac.za.

Completed forms may be sent to recruitment-jm@ukzn.ac.za.

Advert Reference Number MUST be clearly stated in the subject line.