

FACULTY OF SCIENCE

School of Physics

DST/NRF RESEARCH CHAIR /
ASSOCIATE CHAIR - RADIO ASTRONOMY



WITS
UNIVERSITY

We invite applications for a research Chair in Radio Astronomy, which was awarded to the University of the Witwatersrand as part of the South African Research Chairs Initiative in the Square Kilometer Array. This Chair is hosted by the School of Physics, and co-hosted by the Hartebeeshoek Radio Observatory (HartRAO). The Chair can be taken at the Associate Professor level or at a full Professor level, depending on qualifications, experience and research record of the candidate.

Very generous research funds, including running expenses and studentships, are associated with this Chair

Current research fields in the School include theoretical high energy physics, theoretical particle phenomenology and experimental particle physics. The School hosts the DST/NRF Chair of Fundamental Physics and String Theory and the Gauteng node of the National Institute for Theoretical Physics. The DST/NRF Chair of Theoretical Particle Cosmology is being filled. The School is also currently involved in several joint initiatives with HartRAO

Qualifications

We are looking for candidates who will lead a vibrant high quality research program in Astro-physics and lead the School's involvement in the MeerKAT radio telescope science program. Areas of research where the co-hosting by HartRAO would be an advantage are: pulsar and transient radio sources, high resolution studies of radio galaxies and molecules and masers, although applicants with other research interests will also be considered.

A PhD and an excellent publication record with evidence of independent research are essential. Experience in post-graduate supervision will be an advantage, as post-graduate supervision is one of the key expectations of the Chair incumbent.

The rank of the appointment and final selection will be made on the basis of scholarship and potential to contribute to the work and reputation of the School.

The University reserves the right to verify qualifications and credit standing

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Enquiries

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Information about HartRAO can be obtained from the Director, Professor R. Booth,
E-mail: roy@hartrao.ac.za

TO APPLY: Submit a detailed CV including relevant qualifications, experience and research interests, including potential involvement in the MeerKAT/SKA Astrophysics program, together with names and addresses/email details of 3 referees to: Mr. Yoosuf Hassim, Human Resources Office, Faculty of Science, University of the Witwatersrand, Johannesburg, Private Bag 3, WITS, 2050, South Africa

Email:

Yoosuf.Hassim@wits.ac.za

Fax: 27 11 717-6009.

CLOSING DATE:

26 February 2010

Ref.: P/T373

