



LECTURER/ SENIOR LECTURER in RADAR & RADAR SIGNAL PROCESSING

DEPARTMENT OF ELECTRICAL ENGINEERING FACULTY OF ENGINEERING & THE BUILT

The Department of Electrical Engineering enjoys an international reputation for its activities in the fields of Radar & Remote Sensing, Power Engineering, Telecommunications, Control Engineering, Image Processing & Vision Systems and Instrumentation.

The Department is seeking to appoint a permanent staff member at Lecturer or Senior Lecturer level in the field of radar and radar signal processing. The appointee will be a member of the Radar Remote Sensing Group (RRSG) and is expected to strengthen and enhance the group's research and teaching profile. The Department offers a MEng in Radar and the successful candidate will deliver lectures appropriate to his/her expertise on the Radar Masters Course. The successful candidate will also be required to teach in the undergraduate curriculum. We invite suitably qualified persons to apply for this position.

Requirements:

- A PhD for the Senior Lecturer post or approaching completion of a PhD for the Lecturer post. Post graduate training must be relevant to the position.
- Undergraduate degree in engineering.
- Research track record and teaching experience relative to the position applied for.

Advantages – Demonstrated qualities that would inform the level of appointment:

- Experience in imaging radar. Particularly desirable is research experience with Synthetic Aperture Radar (SAR) and Inverse Synthetic Aperture Radar (ISAR).
- A willingness to actively work on projects, as required, outside of your core competency to advance projects within the RRSG.
- Professional engineering registration.
- Industrial experience.

The successful candidate is expected to:

- Contribute to excellence in radar research at UCT.
- Contribute to excellence in undergraduate and postgraduate teaching and learning.
- Supervise undergraduate students and postgraduate research students, obtain funding for research programmes, publish in appropriate journals and participate in administration.
- Commit to undergo a National Research Foundation (NRF) rating and to apply for professional engineering registration if not already registered.

The level of appointment will be commensurate with qualifications and appropriate experience.

The annual remuneration package for 2015, including benefits, at the respective levels is as follows:

- **Lecturer:** R 528 275
- **Senior Lecturer:** R 649 534

Information on the teaching and research activities of the Department may be found on the website: www.ee.uct.ac.za.

To apply, please e-mail the below documents in a **single pdf file** to Ms Melanie Falken at recruitment03@uct.ac.za:

- UCT Application Form (download at <http://forms.uct.ac.za/hr201.doc>)
- Cover letter, and
- Curriculum Vitae (CV)

Please ensure the title and reference number are indicated in the subject line.

An application which does not comply with the above requirements will be regarded as incomplete.

Telephone: +27 21 650 5764

Website: www.ebe.uct.ac.za

Reference number: E15231

Closing date: 15 January 2016

UCT is committed to the pursuit of excellence, diversity and redress in achieving its equity targets. Our Employment Equity Policy is available at <http://www.uct.ac.za/downloads/uct.ac.za/about/policies/eepolicy.pdf>.

UCT reserves the right not to appoint.