

**Johannesburg**

First Floor, 17 Baker Street,  
Rosebank, 2196  
South Africa  
Tel: +27 (0) 11 442 2434  
Fax: +27 (0) 11 442 2454

**Cape Town**

3rd Floor, The Park, Park Road  
Pinelands, 7405  
South Africa  
Tel: +27 (0) 21 506 7300  
Fax: +27 (0) 21 506 7375

Dear All,

Postgraduate students with an interest in pulsar research are invited to apply for the Pulsar Science workshop taking place on 24 August 2017 at the SKA SA offices in Pinelands as described below. The total number of participants will be limited to 30 students. Students are expected to cover their own travel costs to participate in the workshop.

The deadline for applications is **31 July 2017** (see details below). Please distribute this application call to students who may be interested in this opportunity.

Regards,  
Bonita

**Postgraduate Pulsar Science Workshop**

Date: Thursday 24 August 2017

Time: 09h00 to 16h00

Level of students: BSc Honours, MSc and PhD students with an interest in pulsar research

Venue: SKA SA offices, Pinelands, Cape Town

Description of workshop:

During this day the students will get a detailed and hands-on overview of observational pulsar astronomy. We will touch on modern-day pulsar research and discuss currently unsolved problems. The students will have access to the professional software packages for processing pulsar data and archival data sets from the Parkes radio telescope.

In the afternoon the students will be able to carry out actual observations of pulsars with the Parkes telescope. They will learn how to operate the telescope, select which pulsars to observe and monitor the observations. We will wrap-up by processing the recently obtained data sets. During the day the students will have time to discuss astronomy and pulsars with experts from Australia and South Africa.

The workshop will be led by Dr George Hobbs, Parkes Team Leader with CSIRO Astronomy and Space Science in Australia. Dr Hobbs heads up the Parkes Pulsar Timing Array, an ongoing project using pulsar timing to detect gravitational waves.

**How to apply:** Students are requested to send the following:

1. Motivation letter indicating your interest to participate in the pulsar science workshop;
2. Updated CV;
3. Email the above documentation to [bonita@ska.ac.za](mailto:bonita@ska.ac.za).

**APPLICATION DEADLINE: 31 July 2017**



The South African SKA Project is a business unit of the National Research Foundation