



UNIVERSITY OF THE  
FREE STATE  
UNIVERSITEIT VAN DIE  
VRYSTAAT  
YUNIVESITHI YA  
FREISTATA

## Department of Physics - Astrophysics Research Group

### **POST DOCTORAL RESEARCH FELLOWSHIP AT THE UNIVERSITY OF THE FREE STATE – BLOEMFONTEIN CAMPUS, SOUTH AFRICA**

The Astrophysics Research Group in the Department of Physics (Bloemfontein Campus) has a full-time, two-year Postdoctoral Fellowship available for research on Fermi-LAT follow-up studies of highly magnetised white dwarfs and their multi-wavelength properties.

This is an exciting opportunity to join a vibrant research group focussing on gamma-ray studies of highly magnetised white dwarfs and their multi-wavelength emission. A call is open to hard-working and motivated candidates who have finished their PhDs within the past 5 years. The successful candidate will be expected to live in Bloemfontein when conducting research.

Successful candidates will mainly be expected to undertake research and other academic activities.

#### **Minimum Requirements:**

- A recently earned PhD in Astrophysics, especially vast experience in the analysis and interpretation of Fermi-LAT data. At the time of the award, the candidate should have graduated with his/her doctorate no longer than within the previous five years.
- Certified copies of academic qualifications plus academic records. **Please provide academic transcripts and SAQA evaluation certificate, if qualifications were obtained outside South Africa.**
- At least 3 published journal papers in the last 24 months.
- Established track record of publications and conference contributions related to the outlined research area.
- Successful applicants may not hold full-time salaried employment during the fellowship.
- International Postdoctoral Research Fellows must have a long-term visitor's visa.
- Not in full-time academic employment; and
- Successful applicants must be able to relocate to the UFS Bloemfontein Campus for the duration of the fellowship. This is a residential fellowship: the successful applicant is required to spend 80% of her/his postdoctoral period at the UFS (Bloemfontein Campus).

All applications should be emailed to **Prof PJ Meintjes (MeintjPJ@ufs.ac.za)** containing the following supporting documents:

- 1) Full CV including a list of research publications, conference papers, and other scholarly output,
- 2) letter of motivation,
- 3) **research plan**,
- 4) certified copy of passport or ID document,
- 5) Contact details of two academic referees who have taught/supervised the candidate (one referee must be your lead PhD supervisor).

Applicants who have not heard anything within two weeks should assume they have been unsuccessful.

**Closing date: 01 May 2026**

**For enquiries, please contact Prof PJ Meintjes: Email: MeintjPJ@ufs.ac.za**