

The South African National Space Agency (SANSA) has a mandate, as outlined in the South African National Space Agency Act, 2008 (Act No 36 of 2008), to co-ordinate and integrate national space science and technology programmes and conduct long-term planning and implementation of space related activities in South Africa, for the benefit of the citizens of South Africa.

SANSA Space Science is a Directorate of SANSA situated in **Hermanus, Western Cape**. It forms part of the worldwide network of magnetic observatories, monitors and models variations of the Earth's magnetic field, and carries out space physics research. SANSA Space Science is host to the only Space Weather Regional Warning Centre in Africa. The SANSA Space Weather Centre in Hermanus provides forecasts and warnings of space weather events, as well as research and development of space weather products and services to the nation.

## **POSTDOCTORAL FELLOWSHIP IN SOLAR PHYSICS**

SANSA Space Science is seeking a strong researcher to undertake a postdoctoral fellowship in Solar Physics within the Space Weather Centre in Hermanus, South Africa.

Applicants must hold a Ph.D. in physics with a strong focus on solar physics. They should have an outstanding research record and relevant experience in solar instrumentation, data analysis, and/or theory and numerical modeling. Applicants should be able to bring knowledge and insight into the area of solar physics and be prepared to demonstrate this knowledge and contribute to the growth of the facility.

Within this position SANSA expects research independence and originality resulting in publications in peer-reviewed journals. In addition, the successful applicant will be required to collaborate with the Space Weather Team and other scientists at SANSA. Academic education of young researchers and participation in the acquisition of third-party funding is required in this position. Applicants with a recent Ph.D. are particularly encouraged to apply for this position.

This position is initially a one year performance based contract. An additional year's contract will be considered following the evaluation of the successful applicant's performance.

**Please NOTE that this vacancy exists in HERMANUS, WESTERN CAPE, SOUTH AFRICA and the successful applicant will need to be based in Hermanus.**

More information on SANSA and the Space Science Directorate can be found on <http://www.sansa.org.za>

Should you meet the above requirements please e-mail; your research interests, a detailed CV, qualification certificates, the names, telephone numbers and e mail addresses of at least three contactable referees and a covering letter summarising the reasons for applying to [spacescience@sansa.org.za](mailto:spacescience@sansa.org.za) – please put "Solar Physics" in the subject area.

Closing date: 2 April 2013

Communication will only be conducted with short-listed candidates. If an applicant has not heard from us within 4 weeks of the closing date, they must assume that their application was unsuccessful.