



## Linnaeus University

### Post-doctoral position in gamma-ray astrophysics At the Faculty of Technology, Department of Physics and Electrical Engineering

On 1st January 2010, Linnaeus University opened its doors for the first time as Sweden's newest university, the result of a merger between Kalmar University and Växjö University.

#### **Context of position**

The astroparticle physics group in the Faculty of Technology, Department of Physics and Electrical Engineering at Linnaeus University invites applications for a postdoctoral research position in gamma-ray astrophysics. Linnaeus University provides an international and dynamic environment for the training of young researchers.

The successful candidate will be based in the Växjö campus, and will work in cutting edge technical and scientific aspects for the Cherenkov Telescope Array, with the possibility to spend part of the time on the study of extra-galactic cosmic accelerators and improve the analysis within the second phase of the H.E.S.S. experiment (HESS-II).

A maximum of 20% of the time is dedicated to teaching and supervision at the undergraduate and advanced levels. The position is limited to two years full time and located in Växjö Sweden. The contract can start immediately. Participation of women in research is encouraged.

#### **Bases of assessment**

##### *Qualification requirements*

The eligibility requirements are a Ph.D. in Physics or Astrophysics or equivalent. The applicant must have completed her/his Ph.D. studies no more than three years before the application deadline.

##### *Other grounds of assessment*

- Excellent written and oral communication skills in English are essential.
- Ability and interest in development of analysis strategies together with accommodation of hardware developments (e.g., test-benches) are key aspects for the position. The applicant is assumed to have the ability to conduct research within the described area, with demonstrated skills to generate new ideas and innovate.
- Documented background and experience in the proposed research area are advantageous. Research track record including a minimum of two peer-reviewed research publications is required; stronger publication history a plus.
- Interpersonal skills and flexibility are of great importance since the work is done in a research group.

*Weighting of qualifications*

1. Ph.D. in Physics or Astrophysics or equivalent.
2. The applicant ability to conduct research within the described area, with demonstrated skills to generate new ideas and innovate.

**Further information:**

Head of department Hans Veenhuizen, phone: +46 (0)480-44 63 14,  
e-mail: hans.veenhuizen@lnu.se

Senior lecturer Yvonne Becherini, phone: +46 (0)470-70 85 91,  
e-mail: yvonne.becherini@lnu.se

Personnel consultant Camilla Andersson, Phone: +46 (0)470-70 80 36,  
e-mail: camilla.andersson@lnu.se

Union representatives may be contacted via the university switchboard  
at +46 (0)772-288000

The application has to be registered no later than December the 16th, 2013. Ref.no is: PA 2013/474-2.2.1. More information will be found on the Linnaeus University homepage <http://lnu.se/about-lnu/jobs-and-vacancies?l=en>

Remember to enclose a CV, a list of publications, names and contact of three references and other relevant appendices, such as degree certificates, when applying via our website.