



ERLANGEN CENTRE
FOR ASTROPARTICLE
PHYSICS



FRIEDRICH-ALEXANDER
UNIVERSITÄT
ERLANGEN-NÜRNBERG

Open positions for Doctoral researchers

The gamma-ray group in the Erlangen Center for Astroparticle Physics (ECAP), of the University of Erlangen-Nuremberg is seeking outstanding individuals for one or more

PhD student positions (0.5 TV-L 13)

to contribute to the research program of the institute. The PhD student will work in the group of Prof. Stefan Funk. Research in the group spans all aspects of high-energy gamma-ray astronomy, both observationally (data analysis and interpretation of H.E.S.S.-II, Fermi-LAT and preparation for CTA) as well as hardware activities for the future CTA array. Areas of research for these positions would be a combination of the following areas:

- Development of cameras for CTA
- Search for the origin of cosmic rays
- Search for dark matter particles
- Connections to other wavebands and other messengers

ECAP offers a strong environment in the field of astroparticle physics. Research in the institute includes (but is not limited to) involvement in the Fermi-LAT, H.E.S.S., CTA, ANTARES, IceCube and Km3Net.

Successful applicants should have or be in the process of completing a degree in Astrophysics or Physics. They should possess a research background and provide evidence of outstanding potential. Relevant experience in hardware and software development and ability to work in a team is seen as beneficial. The positions have a 3-year term and can be started immediately and remain open until filled with suitable candidates.

The University of Erlangen-Nuremberg wishes to increase the participation of women in its research activities. Therefore applications by women are particularly welcome. The University of Erlangen-Nuremberg is committed to employing more handicapped individuals and especially encourages them to apply.

Applications, including a Statement of Interest, CV and contact information of reference persons should be sent to Gabriele Eckner (gabriele.Eckner@physik.uni-erlangen.de). Further information can be obtained from: Prof. Stefan Funk (s.funk@fau.de).