



Open PhD position in hardware development for the Einstein Telescope

The gamma-ray group in the Erlangen Center for Astroparticle Physics (ECAP), of the Friedrich-Alexander-Universität (FAU) Erlangen-Nürnberg is seeking an individual for a

PhD position

to work on testing and commissioning of hardware for a phase camera development in the context of the Einstein Telescope.

ECAP offers a strong environment in the field of astroparticle physics. Research in the group focusses on observational high-energy astrophysics (data analysis and interpretation of Fermi-LAT, H.E.S.S.), on machine learning techniques and on development of camera electronics for CTAO and a phase camera for the Einstein Telescope.

Requirements for successful applicants are a degree in Physics or equivalent. They should possess a research background and provide evidence of excellent potential. Relevant experience in hardware-related topics in particle or astroparticle physics and an ability to work in a team is seen as beneficial. Supervision and teaching of undergraduate students is expected.

The position has a 3.5-year term and can be started immediately. Applications received by June 30th, 2026 will be given full consideration. Applications submitted after this date are considered until the position is filled. Remuneration starts at the German 0.5 TV-L E13 level and moves to 0.66 TV-L E13 after a trial period.

FAU wishes to increase the participation of women in its research activities. Therefore applications by women are particularly welcome. FAU Erlangen-Nürnberg is committed to employing individuals with disabilities and especially encourages them to apply.

Applications, including a Statement of Interest, CV, copies of recent certificates, and contact information of up to two reference persons should be sent to Prof. Stefan Funk (s.funk@fau.de).