

Postdoc for the CTA and MST project at DESY Zeuthen

Wednesday 14 July 2021 12:04 (1 minute)

Limited: 2 years | Starting date: earliest possible | ID: APPO005/2021 | Deadline: open | Full-time/Part-time

CTA, the Cherenkov Telescope Array, will be the next-generation facility for high-energy gamma-ray astronomy, consisting of about 100 telescopes of different sizes in the northern and southern hemisphere. Among other projects, DESY has the responsibility for the design, construction and deployment of the Medium Size Telescope (MST) structures.

The position:

- Design, test and implement MST control and configuration software
- Support the commissioning and performance verification of the first MSTs on the observatory site
- Support the software development for the CTA observatory
- Analysis of gamma-ray telescope data

About you:

- PhD in physics or astronomy or equivalent qualifications
- Experience in hardware development
- Experience with the operation of telescopes/detectors and the development of software for readout, control and/or monitoring
- Interest in software design, development and management
- Knowledge of OO programming (C++ or Java) and scripting languages (ideally python)
- Experience in astroparticle-physics and data analysis
- Fluent in English

Type of post

PostDoc

Primary authors: SCHWANKE, Ullrich (Z_CTA (Cherenkov Telescope Array)); GARCZARCZYK, Markus (DESY)

Session Classification: Offering a position

Track Classification: Scientific Field: GAI | Gamma Ray Indirect