

Physicist (m/f)

Job description

The Pierre Auger Observatory is a 3000 km² cosmic ray detector in the province Mendoza, Argentina. Within the project AugerPrime, the Auger Collaboration of about 450 physicists from 17 countries is currently upgrading the Observatory by installing plastic scintillator detectors. We are looking for a physicist who will organize the production of detector modules for AugerPrime at KIT. The successful candidate will coordinate the production of scintillator modules and be responsible for the final integration of the different detector components. This work will include measurements and analyses for detector quality control using a muon test stand already built at KIT. Other tasks are the organization of the transport of the modules to Argentina and the deployment in the field as well as the coordination of the KIT contributions with those of other institutes of the Auger Collaboration.

Personal qualification

Applicants should be holding a university degree (Master or Diploma) in physics and have obtained a PhD. Practical experimental, communication and management skills as well as good knowledge of German and English language are required. Experience in measuring cosmic rays and basic knowledge of Spanish language would be of advantage.

Salary

Salary and benefits are commensurate with those of public service organizations in Germany. Classification (E13) is based upon qualifications and assigned duties.

Organizational unit

Institute for Nuclear Physics (IKP)

Starting date

ASAP, to be determined

Contract duration

Until December 31, 2019

Contact person

For further information, please contact Dr. Ralph Engel, phone +49 721 608-23545, ralph.engel@kit.edu

Application

KIT is pursuing a gender equality policy. We would therefore particularly encourage qualified women to apply. If qualified, handicapped applicants will be preferred. Applications with the usual materials (including a curriculum vitae, a short summary of research experience, and addresses of up to two persons who can provide a letter of recommendation), should be sent by **September 22, 2017** electronically, preferably as one single pdf file, to ralph.engel@kit.edu.