



Postdoc in neutrino astrophysics .

**DESY, Zeuthen location, is seeking:
Postdoc (m/f)**

DESY

DESY is one of the world's leading accelerator centres for investigating the structure of matter. DESY develops, builds and operates large accelerator facilities for photon science and particle physics and astroparticle physics.

The neutrino astrophysics group is involved in operation of the IceCube neutrino telescope at the South Pole and in the analysis of its data. The research goals of the group range from neutrino astrophysics to the investigation of neutrino properties. The group is part of the Brandenburg-Berlin Cluster for astroparticle physics and the Helmholtz Alliance for Astroparticle Physics.

The position

The work will include the exploitation of IceCube for the study of neutrino oscillations and other medium-energy phenomena. This includes design studies for further low-energy extensions of IceCube. Additionally, the successful applicant will have the opportunity to do astrophysical or particle physics research exploiting the data of the IceCube neutrino telescope. The successful candidate will work in an international research environment.

Requirements

- Ph.D in physics or astronomy
- Experience in conducting modern experiments in particle or astroparticle physics and their interpretation
- Working experience with modern software tools (C++)
- Hardware experience is an advantage
- Good command of English
- Applications should include a CV, a statement of research interests, a list of publications, and the names of 2 references.

For further information please contact Christian Spiering, +49 33762-77218, christian.spiering@desy.de.

The position is limited to 2 years with a possible extension up to 3 years. Salary and benefits are commensurate with those of public service organisations in Germany. DESY operates flexible work schemes. Handicapped persons will be given preference to other equally qualified applicants. DESY is an equal opportunity, affirmative action employer and encourages applications from women.

Please send your application quoting the reference code, also by E-Mail to:

Deutsches Elektronen-Synchrotron DESY

Human Resources Department | Code: 201/2011

Notkestraße 85 | 22607 Hamburg | Germany | Phone: +49 40 8998-1589 |

E-Mail: personal.abteilung@desy.de

Deadline for applications: until the position is filled

www.desy.de