



MONTE CARLO .

DESY, Hamburg location, is seeking: Physicist Ph.D. (m/f)

DESY

DESY is one of the leading accelerator centres worldwide. The Laboratory's main research areas comprise a broad program of photon science, including construction, operation and use of synchrotron-light sources and of X-ray lasers, and research in elementary particle and astroparticle physics.

The Analysis Centre of the Helmholtz Alliance "Physics at the Terascale" at DESY supports German physicists working on analysis at ATLAS, CMS and ILC in areas like Monte Carlo generators, parton distribution functions and statistics tools. The Monte Carlo group is a major activity of the Analysis Centre. The group consists of theoretical and experimental physicists working on all aspects of MC generators. The group supports validation and tuning of existing Monte Carlo event generators. It also organizes schools, tutorials and discussion days on MC issues.

The position

The successful candidate is expected to actively contribute to and shape these areas. He or she is expected to be active in the tuning and validation of existing Monte Carlo event generators. Therefore, experience in tuning and validation in either pp and/or ep environments is considered an advantage. A close collaboration with the experiment is necessary. The candidate is also expected to carry out research within one of the Alliance projects for about 50% of his or her time, preferably within one of the LHC experiments.

Requirements

- Ph.D. in physics
- Interest and experience with Monte Carlo event generators, especially with their tuning and validation
- Good communication skills

For further information please do not hesitate to contact Thomas Schoerner-Sadenius (thomas.schoerner@desy.de), Judith Katzy (judith.katzy@desy.de) or Hannes Jung (hannes.jung@desy.de).

Applications including a letter of application, CV, academic records as well as a list of publications and the names of three persons who can provide further information about the candidate should be addressed to:

Prof. Ian Brock (Scientific Manager of the Helmholtz Alliance)
DESY, Notkestraße 85, D-22607 Hamburg (ian.Brock@desy.de)

The position is limited to the current end of funding of the Helmholtz Alliance, 30 June 2012. 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. There is an English-speaking Kindergarten on the DESY site.

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

Deutsches Elektronen-Synchrotron DESY

Human Resources Department | Code: 28/2009

Notkestraße 85 | 22607 Hamburg | Germany Phone: +49 40 8998-3392 |

E-Mail: personal.abteilung@desy.de

Deadline for applications: 27 April 2009

www.desy.de