



Call for 2014 DESY-ONACPR Fellowship Applicants

Research Laboratory: DESY
Division/Group: FH1 / Belle
Supervising scientist: Dr. Carsten Niebuhr
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Research Field: Fundamental Particles and Forces
Position: Postdoctoral Research Fellow in Experimental Particle Physics

Research Area:

As part of a German consortium DESY participates in the challenging upgrade of the Belle II detector which is scheduled to start data taking in 2016 at the SuperKEKB electron–positron collider in Japan. The German groups are responsible for building a novel pixel vertex detector based on DEPFET technology. Within this project DESY has several technical responsibilities in the areas of CO₂ cooling, mechanical integration, track alignment, background simulation etc..

The DESY group is also involved in the analysis of Belle I data taken in the period 1999-2010. This large and unique data sample corresponds to an integrated luminosity of more than 1 ab⁻¹ and offers possibilities for many interesting physics analyses.

For more information please visit: <http://belle2.desy.de/>

Specific Requirements:

PhD in experimental particle physics
Experience in data analysis in high energy physics and/or development of particle physics detectors
Good communication skills
Demonstrated ability to work in a team
Readiness to travel to Japan during detector commissioning and for data taking

Work Place: Hamburg
Earliest Start: As soon as possible (November 2014)
Language Requirement: please note that we require for all candidates proven records of English, e.g. CAE certificate or other certificate with the same level.
Application Code: DESY/2014/18
Further Remarks: