



Call for 2014 DESY-ONACPR Fellowship Applicants

Research Laboratory: DESY
Division/Group: CMS
Supervising scientist: Dr. Alexei Raspereza
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Research Field: Particle Physics, Large Hadron Collider
Position: Postdoctoral Research in CMS Higgs → Tau Tau Analysis

Research Area:

After the recent spectacular discovery of a Higgs boson, which earned the Nobel prize for Higgs and Englert, the investigation of the properties of this novel kind of particle are of the highest scientific interest. The CMS Higgs group at DESY has since the beginning a strong involvement in the analysis of the Higgs decay into tau leptons. This decay plays a key role in establishing and quantifying the basic properties like the coupling of the Higgs boson to fermions and in particular leptons. In the upcoming LHC run at 13 TeV we seek to unambiguously observe this decay mode for the first time at high significance, and to explore the characteristics of this new particle at an unprecedented level.

Specific Requirements:

Ph.D. in physics. Experience in High Energy Physics analysis techniques. C++ programming.

For more information please see:
<https://cms.desy.de>

Work Place: Hamburg
Earliest Start: 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/2014/17
Further Remarks: