DESY, Hamburg location, is seeking: 3 PhD Students (m/f)

DESY

DESY is one of the world's leading centres for the investigation of the structure of matter. DESY develops, runs and uses accelerators and detectors for photon science and particle physics.

The DESY ATLAS and CMS groups are engaged in research and development towards the upgrade of the inner tracking detectors of both experiments for operation in the high luminosity LHC. In the framework of this research and development program three PhD positions are available. These research activities are embedded in the framework of the Helmholtz 'Detector Technology and Systems Platform', formed by a consortium of the Helmholtz Centers and Institutes DESY, FZJ, GSI, HIJ, HIM, HZB, HZDR, HZG, KIT complemented by various national and international partner institutions and universities. The interdisciplinary platform will provide access to modern detector technologies which enable the development of the next generation of cutting-edge detectors for fundamental and applied science as well as for society.

The position

- Characterization of detector modules and prototypes
- Investigation of novel mechanical support and cooling concepts
- Characterization of novel sensor materials
- Operation, maintenance and advancement of novel testing equipment

Requirements

- Diploma/master degree in physics or a related field with interest in experimental particle physics
- Experience in experimental measurements is considered an asset
- Teamwork, communication and presentation skills
- Very good English language skills, the knowledge of the German language is considered an asset

For further information please contact Dr. Ingrid-Maria Gregor +49 40 8998-3032, ingrid.gregor@desy.de.

The position is limited initially to 2 years with a possible extension by one year.

Salary and benefits are commensurate with those of public service organisations in Germany. Classification is based upon qualifications and assigned duties. 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 bilingual 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: EDA034/2012
Notkestraße 85 | 22607 Hamburg | Germany | Phone: +49 40 8998-3392 | E-Mail: personal.abeitung@desy.de
Deadline for applications: until filled
www.desy.de

The Helmholtz Association is Germany's largest scientific organization.
www.helmholtz.de