



Faculty/Department: Mathematics, Informatics and Natural Sciences/ Physics
Seminar/Institute: Institute for Experimental Physics

Pending approval of external funding Universität Hamburg invites applications for a Research Associate for the **project "Detector Development for the CMS experiment"** in accordance with Section 28 subsection 3 of the Hamburg Higher Education Act (Hamburgisches Hochschulgesetz, HmbHG). The position commences on Dec. 1st 2016.

It is remunerated at the salary level TV-L 13 and calls for 39 hours per week.

The fixed-term nature of this contract is based upon Section 2 of the Academic Fixed-Term Labor Contract Act (Wissenschaftszeitvertragsgesetz, WissZeitVG). The term is fixed to 3 years.

The University aims to increase the number of women in research and teaching and explicitly encourages qualified women to apply. Equally qualified female applicants will receive preference in accordance with Hamburg Equality Act (Hamburgisches Gleichstellungsgesetz, HmbGleiG).

Responsibilities:

Duties include academic services in the project named above. Research associates can also pursue independent research and further academic qualifications.

Specific Duties:

Our group is deeply involved in detector R&D and construction of the CMS experiment. Candidates are expected to engage in the development and characterization of prototype pixel modules for the high luminosity phase of the CMS pixel detector. A close collaboration with international partner institutes is expected.

Interested candidates will be offered the opportunity for independent research, advanced training, supervision of students and development of teaching skills. Additional scientific accomplishments are encouraged. The position is financed through the federal initiative FSP-102 "Physics with the CMS Experiment" by the German Ministry for Education and Research (BMBF).

Requirements:

A university degree in a relevant subject plus doctorate. Applicants are required to hold a doctoral degree in physics and to have an excellent research record. A strong competence in laboratory measurements is expected. Candidates should have experience with read-out electronics and analysis of detector data. Competence in FPGA programming and ASIC characterization is an advantage.

Severely disabled applicants will receive preference over equally qualified non-disabled applicants.



Universität Hamburg

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For further information, please contact Prof. Dr. Erika Garutti, Tel. +49 (0)40 8998 3779 or consult our website at www.iexp.uni-hamburg.de.

Applications should include a cover letter, curriculum vitae, and copies of degree certificate(s). The application deadline is 15.10.2016. Later applications are accepted until the positions are filled. Please send applications to: Mrs. Gundula Serbser, gundula.serbser@desy.de.