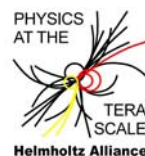


Universität Karlsruhe (TH)

Forschungsuniversität • gegründet 1825



The Institute for Experimental Particle Physics IEKP of the Universität Karlsruhe (TH) has an immediate opening for a

### **Post-doctoral Research Associate in Experimental High Energy Physics**

The position is partly funded by the Strategic Helmholtz Alliance "Physics at the Terascale"\*. We are looking for a person with interest in searches for physics beyond the Standard Model with focus on Super Symmetry (SUSY) scenarios. The successful applicant should develop strategies finding the Lightest Super Symmetric Particle (LSP) and measuring its properties. Required are profound knowledge in the field of experimental particle physics at colliders and expertise in software development and data analysis.

The institute provides a stimulating research environment through the participation in the experiments CMS and AMS, AUGER, BABAR, CDF, EDELWEISS, KASCADE, KATRIN. Within the framework of the Helmholtz-Alliance we participate in detector developments for SLHC and ILC, provide a radiation test laboratory and contribute to Grid Computing with focus on GridKa and the installation of a powerful Tier-3 center. The experimental research program is complemented by phenomenological studies in two theoretical institutes.

The successful candidate will set up a working group of Diploma and Doktoral students, have access to powerful computing facilities and the possibility of a Habilitation at a later stage. The position is remunerated according to the TVöD regulations for scientific employees. The position is vacant and of initial durance of 2 years with the possibility of an extension to maximum 5 years. The University aims to increase the number of female scientists and especially welcomes applications from women. Handicapped persons with equal qualifications will be preferred. To obtain further information, please contact

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Interested candidates are requested to submit their CV, description of professional experience and a statement about past and planned research activities before December 31, 2007, and should arrange for two letters of recommendation. Applications should be sent to:

Ian C. Brock, Scientific Manager Helmholtz-Allianz  
DESY, Notkestrasse 85  
D-22607 Hamburg

\* The Strategic Helmholtz Alliance "Physics at the Terascale" (<http://www.terascale.de>) is a research network supported by the Helmholtz Association and comprises the research centres DESY and FZ Karlsruhe, 17 German Universities, and the Max-Planck Institute for Physics. Within the framework of the worldwide investigation of the fundamental properties of matter using accelerators at the highest energies, the Alliance will sustainably concentrate and advance the expertise and strengths of the participating institutes.