



Fellowship (4 years)

### **“Search for New particle with the ATLAS Experiment”**

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.

The Alliance invites applications for a 4-year Fellowship on the search for new particles with the ATLAS experiment. The successful applicant is expected to take a leading role in the data analysis working group in the alliance and at the University of Freiburg, which has a strong theoretical and experimental effort in searches for the Higgs boson, supersymmetric particles and exotic new particles.

Candidates should hold a Ph.D. in experimental particle physics. Experience in the research topics mentioned above is preferred but not required. The salary follows the German standard for public employment according to E13. The position is available as of 1 April 2008. The university is seeking to increase the number of female researchers and therefore especially encourages suitably qualified women to apply.

Deadline: 31 December 2007

For further information, please contact at the

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