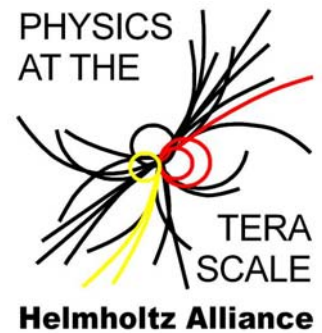


Siegen University, Department of Physics has an opening in the **Experimental Particle Physics Group** for a



## Helmholtz-Alliance-Fellow (E13)

**Higgs Physics at the Large Hadron Collider and Tuning of Monte Carlo Event Generators**

1 April 2008



The position is funded by the Strategic Helmholtz Alliance "Physics at the Terascale"\*. We are looking for applicants with a PhD in experimental particle physics to work mainly on the field of validation and tuning of Monte Carlo event generators within the framework of the Helmholtz Alliance "Physics at the Terascale". The Siegen ATLAS group is heavily involved in the research topic of Higgs Physics at the LHC. The successful candidate is expected to contribute to this effort and take a leading role in analysis working groups in the alliance.

The position advertised here is for an initial period of four years with the possibility of extension, subject to review. The salary follows the German standard for public employment according to E13. The position is available as of 1 April 2008.

Interested graduated physicists with experience in data analysis of high energy physics experiments and in various Monte Carlo event generators are requested to submit their CV, description of professional experience, a statement about past and planned research activities as well as the names of two persons who can provide further information about the applicant by 31 December 2007.

The University of Siegen is seeking to increase the number of women in science. Therefore, qualified women are especially encouraged to apply. Handicapped applicants will be given preference if equally well qualified.

Applications (preferably via email) should be sent to:

Prof. Ian C. Brock (Scientific Manager of the Helmholtz Alliance)  
DESY, Notkestrasse 85, D-22607 Hamburg, (Email [Ian.Brock@desy.de](mailto:Ian.Brock@desy.de))

For further information please contact:

Prof. Dr. Markus Schumacher (Email: [schumach@hep.physik.uni-siegen.de](mailto:schumach@hep.physik.uni-siegen.de))  
Fachbereich Physik, Universität Siegen, Walter-Flex-Strasse 3, 57068 Siegen

\* 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.