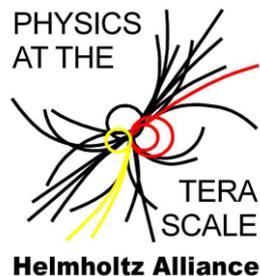


Bonn University, Institute of Physics has an opening in the **Particle Physics Groups**

IC Designer or Physicist (E13)

Detector Instrumentation and Electronics

1. January 2008



Within the Helmholtz-Alliance network “Physics at the Terascale” consisting of DESY, FZ-Karlsruhe, 17 German Universities and MPI Munich, Bonn University is a centre for the development of detectors and ASIC electronics. We aim to enlarge the existing group (SiLab), specialized on pixel detectors, into a university based facility for detector instrumentation and associated front end electronics. Initially the main IC development focus will be for semiconductor and gas filled detectors. Within the facility IC design shall play a central role and tenure track positions for IC designers are to be filled.

We are searching for IC designers with several years experience in analog and digital design of ASIC chips and their application. Applicants must have expert knowledge in IC design tools (CADENCE, SPECTRE, VERILOG or similar) and practical experience in chip testing. Applicants shall be interested to work in research groups carrying out detector development in experimental particle physics, particularly for experiments at the LHC and ILC. They should also be interested in training of students and visiting researchers.

The position advertised here is for an initial period of two years after which it will become an indefinite appointment, subject to review. The salary follows the German standard for public employment according to E13. The position is available as of (1. January 2008). Interested IC designers are requested to submit their CV and professional experience together with 2 letters of recommendation.

Deadline: September 30, 2007.

Preferential consideration will be given to women according to §49 UG (NRW) if they are equally qualified and possess the same level of competence and professional achievements. Disabled applicants with the same qualifications as other candidates are preferably employed.

Applications should be sent to

Mrs. Valja Gebhardt

Physikalisches Institut, Universität Bonn,
Nussallee 12, D-53115 Bonn, Germany
tel. +49-228-733225, fax. +49-228-733220
valja.gebhardt@uni-bonn.de

For further information please contact:

Prof. K. Desch (desch@physik.uni-bonn.de)

Prof. N. Wermes (wermes@physik.uni-bonn.de)

<http://atlas.physik.uni-bonn.de>