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. In the framework of the worldwide endeavour of studying the foundations of matter using accelerators with highest energies, the Alliance will bundle the expertise of the participating institutes and support a sustainable development.

As part of the alliance the “Virtual Institute for Detector Technologies (VLDT)” will be created by a number of universities and DESY and will provide basic detector development support, and in particular facilities for the development of complex front end electronics and semi-conductor detectors. Within the VLDT the following positions for engineers and technical physicists are available.

**Physicist (Ph.D.) (A13/ A14)**

The University of Bonn plans to develop a facility for detector instrumentation and associated front end electronics. The facility will serve research projects both from partners within the Helmholtz Alliance and the Institute of Physics. The University has openings for

**Physicist/ IC designer (E13)**

We are searching for IC designers with several years experience in analogue and digital design of ASIC chips and their application. Applicants must have expertise also be interested in training students and visiting researchers; and a

**Two Physicist / Engineer (E12/ E13)**

DESY will provide general detector development support services to members of the Helmholtz Alliance in the area of detector engineering and test beam support. To strengthen its team DESY has openings for

**Physicist (E13 TV-L)**

The University Hamburg will provide support for Alliance members to study the radiation properties of detector materials. The University has an opening for

**Two Physicists / Engineers**

The Heidelberg ASIC Laboratory located in the Kirchhoff-Institut für Physik at the Ruprecht-Karls-Universität Heidelberg will extend its scope to support scientists and Ph.D. students in the area of analogue and mixed-signal VLSI component and system design and test. The institute has openings for

**Physicist (Ph.D.)**

The University of Karlsruhe will setup a service facility at the “Institut für experimentelle Kernphysik” enabling irradiation studies of prototype detectors. The institute has an opening for

The full text of the advertisements is available under http://www.terascale.de or by contacting the addresses given above. Applications with the normal supporting documents should be directed to the Universities and Research Centres where the individual jobs are located.