

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-Institut 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.

We are seeking a scientist for the Analysis Centre of the Helmholtz Alliance "Physics at the Terascale" at DESY, Hamburg location. The successful candidate is expected to join the Statistics Tools group of the centre.

The Analysis Centre supports physicists at German universities and institutes working on analyses at ATLAS, CMS and ILC. The centre contains three main branches Monte Carlo Generators, Parton Distribution Functions, and Statistics Tools. A major goal of the Statistics Tools group is to provide support and education for all kinds of statistics-related tasks and questions in high-energy physics data analyses.

The successful candidate is supposed to strengthen the activities of the group by

- contributing to the development of statistics tools,
- implementing existing tools into software frameworks like ROOT,
- taking part in the organisation of meetings, workshops and schools and
- helping to provide user support and web documentation.

The candidate is also expected to carry out research within one of the Alliance projects for about 50% of his or her time.

The position requires

- a Ph.D. in physics,
- interest and experience in the development of statistics tools,
- programming, software maintenance and analysis experience (e.g. C++, Fortran, ROOT).

The position is initially limited until 30 June 2012, the nominal end of the Helmholtz Alliance funding period.

For further information please contact Ian Brock (Ian.Brock@desy.de) or Thomas Schörner-Sadenius (Thomas.Schoerner@desy.de).

Applications including a letter of application, CV, academic record as well as a list of publications and the names of three persons who can provide further information about the candidate should be addressed to:

Prof. Ian Brock (Scientific Manager of the Helmholtz Alliance)
DESY, Notkestraße 85, 22607 Hamburg, Germany (Ian.Brock@desy.de)

Salary and benefits are commensurate with those of public service organisations in Germany. Handicapped persons will be given preference to other equally qualified applicants. DESY is an equal opportunity, affirmative action employer and encourages applications from women. DESY has an English-speaking kindergarten on site.

Closing date for applications is 31 December 2008.