

Deutsches Elektronen-Synchrotron (DESY)

The Deutsches Elektronen-Synchrotron (DESY) is one of the world's leading centres for the investigation of the structure of matter. DESY develops, runs and uses accelerators and detectors for photon science and particle physics. DESY is a national research centre supported by public funds and member of the Helmholtz Association.

DESY has two locations:

- Location Hamburg
Notkestraße 85
22607 Hamburg
Tel: +49 40 8998-0
Fax: +49 40 8998-3282
- Location Zeuthen
Platanenallee 6
15738 Zeuthen
Tel: +49 33762 7-70
Fax: +49 33762 7-7413

How to reach DESY:

Hamburg:
<http://guest-services.desy.de>
→ International Office → Maps and Directions

Zeuthen:
www.desy.de → About DESY → Getting There
→ Zeuthen



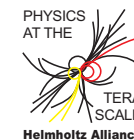
Helmholtz Alliance “Physics at the Terascale”

The Helmholtz Alliance “Physics at the Terascale” is a research network supported by the Helmholtz Association and comprises the research centres DESY and FZ Karlsruhe, 18 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.

Alliance institutes: DESY, RWTH Aachen, Humboldt-Universität Berlin, Rheinische Friedrich-Wilhelm-Universität Bonn, Universität Dortmund, Technische Universität Dresden, Albert-Ludwigs-Universität Freiburg, Justus-Liebig-Universität Giessen, Georg-August-Universität Göttingen, Universität Hamburg, Ruprecht-Karls-Universität Heidelberg, Karlsruher Institut für Technologie (Campus Süd und Nord), Johannes Gutenberg-Universität Mainz, Ludwig-Maximilians-Universität München, Max-Planck-Institut für Physik München, Universität Regensburg, Universität Rostock, Universität Siegen, Julius-Maximilians-Universität Würzburg, Bergische Universität Wuppertal

www.terascale.de

Editor: DESY, Terascale Analysis Centre, Notkestraße 85, 22607 Hamburg
anacen@desy.de
www.terascale.de



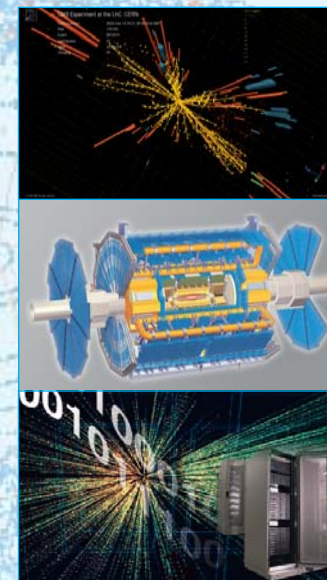
Helmholtz Alliance

PHYSICS AT THE TERASCALE

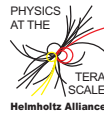
ANALYSIS CENTRE

Studentships

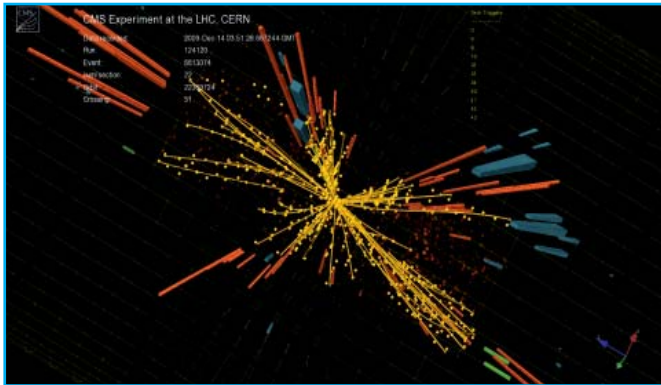
The Analysis Centre of the Helmholtz Alliance “Physics at the Terascale” invites applications for studentships at DESY (or other Alliance institutes) for work in one of its working groups (Monte Carlo generators, Parton Distribution Functions, Statistics Tools) for up to three months.



THE TERASCALE ANALYSIS CENTRE



The mission of the Analysis Centre of the Helmholtz Alliance “Physics at the Terascale” is to enhance the physics potential of the German LHC / ILC community by providing analysis infrastructure and by supporting analysis-related issues of general relevance.



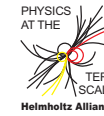
This is achieved through

- > education and training,
- > basic research, tool development,
- > analysis support and
- > networking.

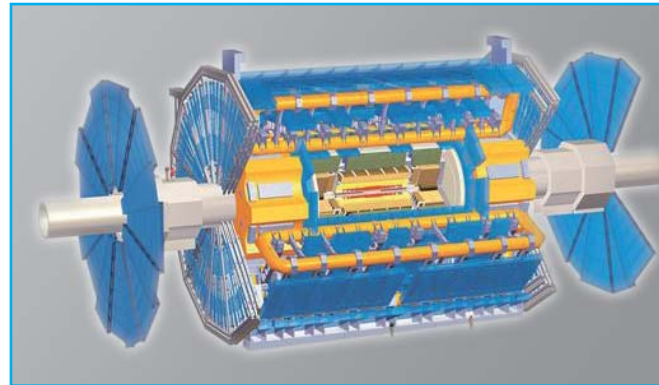
The Analysis Centre currently focuses on the three main activities Monte Carlo generators, parton distribution functions (PDF), and statistics tools.

For more information see:
www.terascale.de/anacentre

ANALYSIS CENTRE STUDENTSHIPS



Twice a year the Analysis Centre (anacen@desy.de) in-vites applications for studentships. The selected Ph.D. students are invited to spend between 1 and 3 months at DESY (or another Alliance partner institute) to work together with Analysis Centre experts on topics from the fields of MC generators, PDFs, or statistics tools.



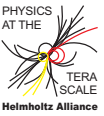
The aim is to

- > broaden the student’s horizon;
- > increase the connections between different activities;
- > bring in fresh ideas.

The selected students can choose among all topics offered by the Analysis Centre and have the freedom to bring in their own ideas.

Example projects can be found at
www.terascale.de/anacentre_studentships

HOW TO APPLY – ORGANISATION



The deadlines for applications are 31 January and 31 July of each year. Applications should be sent to the Analysis Centre and should comprise a CV, a short statement about research interests in the Analysis Centre and one letter of reference:



Terascale Analysis Centre / DESY-FH
Dr. Thomas Schörner-Sadenius
Notkestr. 85, D-22607 Hamburg
anacen@desy.de

The selection of candidates will be made by a committee of Analysis Centre members.

Eligible are Ph.D. students from all Alliance partner institutes and also from abroad. Successful candidates will be granted travel money and a per diem to cover their extra costs.

Analysis Centre:
anacen@desy.de