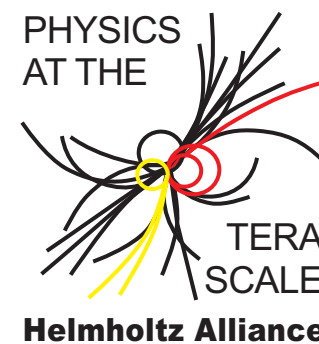


Helmholtz Alliance

# PHYSICS AT THE TERASCALE



Deutsches Elektronen-Synchrotron DESY +++ Forschungszentrum Karlsruhe +++ Max-Planck-Institut für Physik +++ Rheinisch-Westfälische Technische Hochschule Aachen +++ Humboldt-Universität zu Berlin +++ Rheinische Friedrich-Wilhelms-Universität Bonn +++ Technische Universität Dortmund +++ Technische Universität Dresden +++ Albert-Ludwigs-Universität Freiburg +++ Justus-Liebig-Universität Gießen +++ Georg-August-Universität Göttingen +++ Universität Hamburg +++ Ruprecht-Karls-Universität Heidelberg +++ Universität Karlsruhe (TH) +++ Johannes Gutenberg-Universität Mainz +++ Ludwig-Maximilians-Universität München +++ Universität Regensburg +++ Universität Rostock +++ Universität Siegen +++ Julius-Maximilians-Universität Würzburg +++ Bergische Universität Wuppertal +++

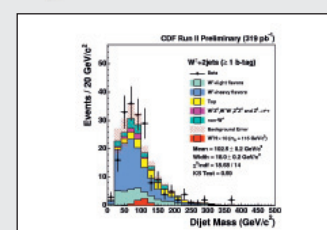
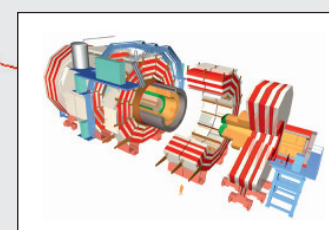
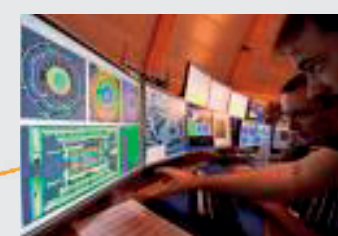
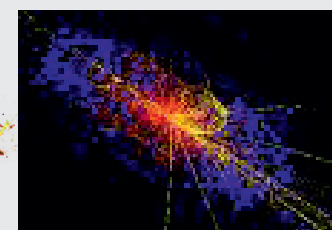
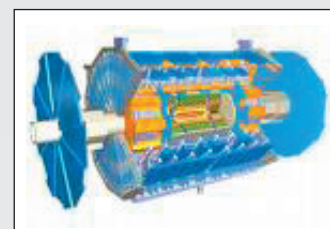
## Introductory School “Terascale Physics”

8-12 March 2010  
DESY, Hamburg Site

The “Introductory School on Terascale Physics” aims at providing the essential information and techniques on the subject that bachelor students may find very helpful for a productive thesis.

The programme consists of lectures and specially designed hands-on tutorials and computer exercises on physics, data analysis and technical issues. Examples are:

- Physics at the Terascale
- ROOT
- Standard Model electroweak processes at LHC
- Z and W physics at the LHC
- QCD at LHC
- Monte Carlo techniques and programmes
- Top physics and searches
- Statistics



Registration and admission to the school will be through a selection by the organisers.

Please send an email to [anacen@desy.de](mailto:anacen@desy.de), mentioning the name and institute of your supervisor, together with a short sketch of your interest in high-energy physics and your experience with the field (if any). The school fee will be 50 Euros.

Support for travel and accommodation can be granted on request. For more details also on the programme see

<http://www.terascale.de/istp2010>