

THANK YOU ...

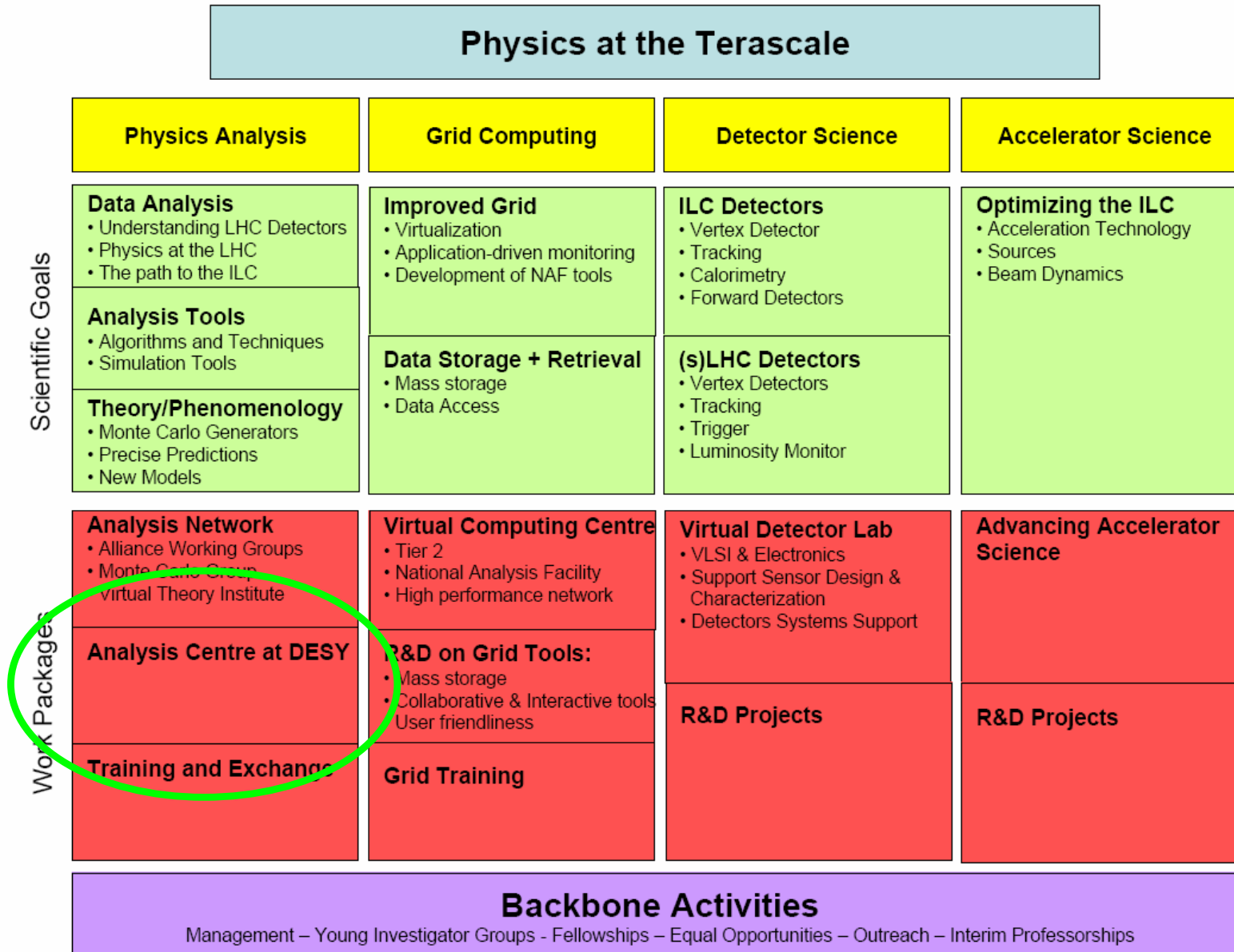
- ... all participants: for participating in the school, and for your questions and discussion contributions.
- ... the organisers O. Behnke, M. Grimm, C. Kleinworth and S. Schmitt: for their hard work to make the school a success.
- ... DESY: for its hospitality.
- ... and the Helmholtz Alliance: for their support.

Quotation from the Alliance web page (<http://www.terascale.de>):

With the start-up of CERN's Large Hadron Collider (LHC) in 2007 and preparations for the International Linear Collider (ILC) in full swing, we expect revolutionary results explaining the origin of matter, unravelling the nature of dark matter and providing glimpses of extra spatial dimensions or grand unification of forces. Any of these insights would dramatically change our view of the world.

In order to **optimally place German particle physics in an increasingly global environment**, it is now the right moment to create new and improved structures for particle physics in Germany.

The Strategic Helmholtz Alliance 'Physics at the Terascale' is a structured research network comprising 17 universities, 2 Helmholtz institutes and 1 Max Planck Institute. The **Alliance acts as a tool for a more effective collaboration**, in particular between experimentalists and theorists.



THE ANALYSIS CENTRE

Three groups as core of Alliance / Analysis Centre analysis activities:

- Monte Carlo generators: maintenance and support, validation and tuning, new developments
- Statistics tools: support, tools implementation and development.
- PDFs: support, theoretical developments.

Life in the groups:

- Organisation of schools, workshops, seminars.
 - Regular pedagogical + technical meetings (already / being) set up.
 - Rich work programs.
 - Support for Alliance members (Wiki, service emails, FAQ).
- Look at http://www.terascale.de/research_topics/rt1_physics_analysis/ for news.

The Alliance and the Analysis Centre ...

- ... are there to make your life easier (education, contacts, support, ...) → use it!
- Request the training you require!
 - Ask the questions you are interested in!
 - Give feedback!
 - And (in the best of all worlds ☺) contribute – for everybody's advantage.

FORTHCOMING EVENT

PHYSICS AT THE TERA SCALE
Helmholtz Alliance

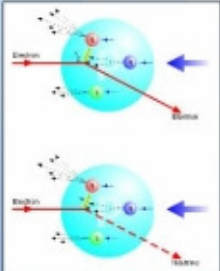
School on **Parton Distribution Functions**

PHYSICS AT THE TERASCALE

Strategic Helmholtz Alliance

Deutsches Elektronen-Synchrotron DESY ••• Forschungszentrum Karlsruhe GmbH ••• Max-Planck-Institut für Physik München ••• Rheinisch-Westfälische Technische Hochschule Aachen
••• Humboldt-Universität Berlin ••• Rheinische Friedrich-Wilhelms-Universität Bonn ••• Universität Dortmund ••• Technische Universität Dresden ••• Albert-Ludwigs-Universität
Freiburg ••• Justus-Liebig-Universität Gießen ••• Universität Göttingen ••• Universität Hamburg ••• Universität Heidelberg ••• Universität Karlsruhe ••• Johannes
Kepler-Universität Mainz ••• Ludwig-Maximilians-Universität München ••• Universität Regensburg ••• Universität Tübingen ••• Johannes-Kepler-Universität Linz ••• Universität
Wuppertal •••

12-14 November 2008,
DESY, Zeuthen



Speakers:

- Sergey Alekhin (IHEP Protvino)
- Johannes Blümlein (DESY)
- Alexandre Glazov (DESY)
- Joey Huston (Michigan State Univ.)
- Sven-Olaf Moch (DESY)
- Pavel Nadolsky (Michigan State Univ.)
- Eran Rizvi (Queen Mary, U. London)
- James Stirling (Cambridge Univ.)
- Andreas Vogt (Liverpool Univ.)
- Markus Wobisch (Louisiana Tech.)

The PDF school covers hard scattering reactions at colliders, both from the theoretical and the experimental side. Emphasis is put on the current information on parton distributions (PDFs) and their impact on predictions and measurement of cross sections at the terascale. The lectures are targeted at PhD students and young post-docs. ■ ■

The school fee of Euro 25 has to be paid cash at the registration desk during the school.
Registration deadline: 15.10.2008 Please register via the school webpage.
Organising Committee: J. Blümlein, A. Glazov, S.-O. Moch

<http://www.terascale.de/pdf2008>

**Good bye, have a
good trip home!**