PDF SCHOOL 2008

ANALYSIS CENTRE and
OUTLOOK AND GOODBYE

Thomas Schörner-Sadenius
(Analysis Centre / DESY)

PDF School
DESY Zeuthen, 14 November 2008

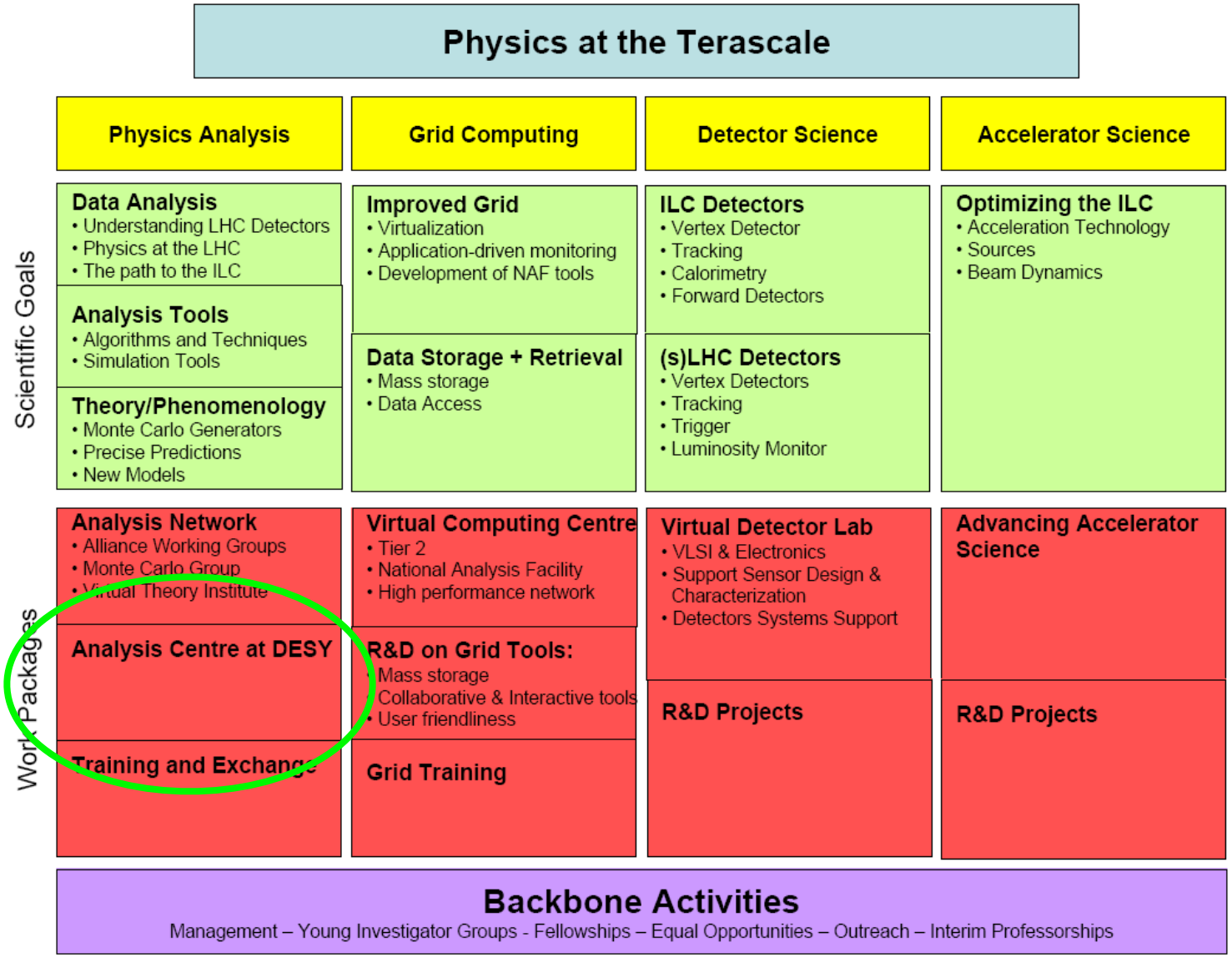
ANALYSIS CENTRE

PHYSICS AT THE TERA SCALE
Helmholtz Alliance

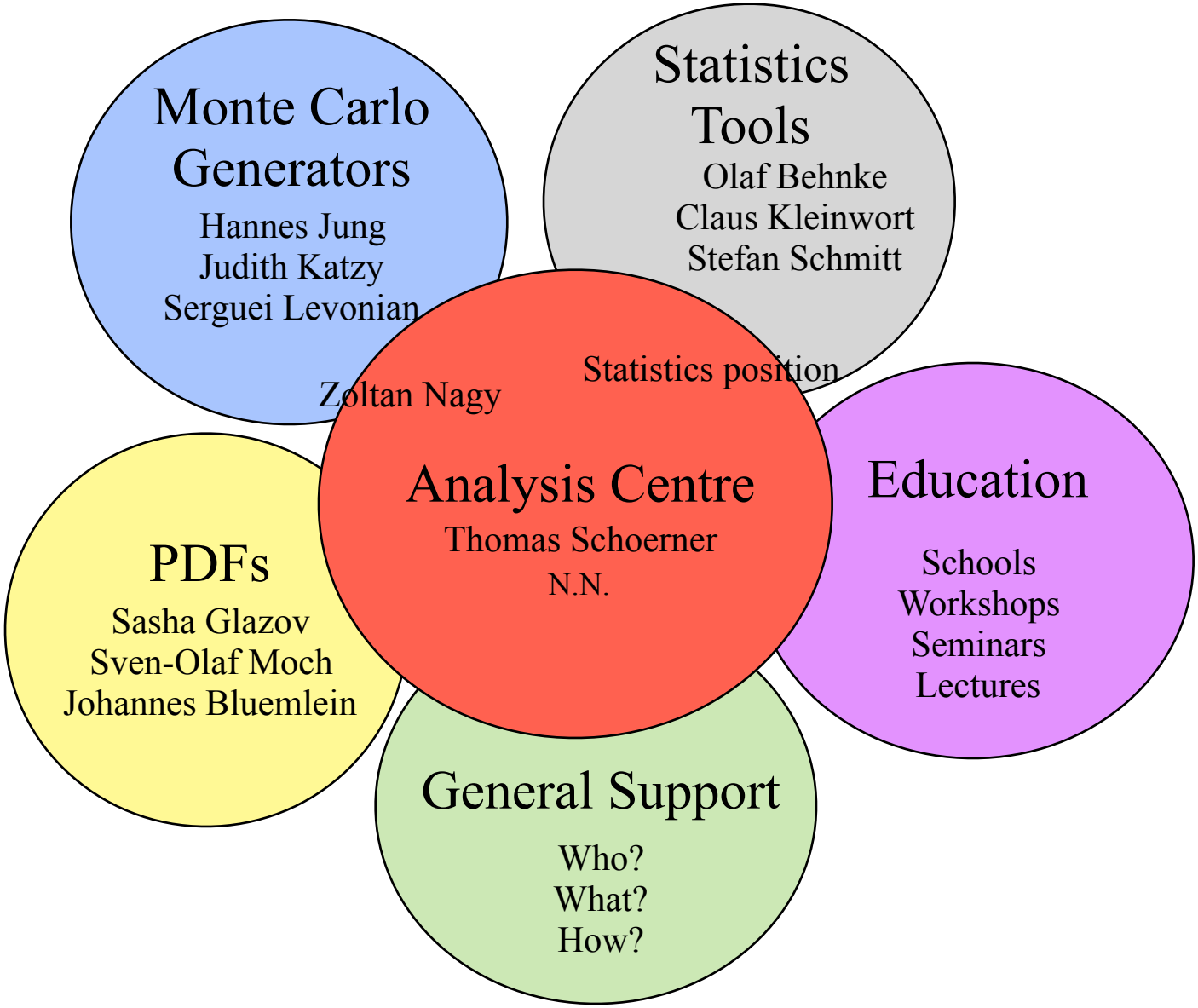
What can it do for you?

THE HELMHOLTZ ALLIANCE

PHYSICS AT THE TERA SCALE
Helmholtz Alliance



ANALYSIS CENTRE



FORTHCOMING EVENTS

PHYSICS AT THE TERA SCALE
Helmholtz Alliance

Past:
- MC School, 100 participants
- Statistics Tools School, 120 participants
- PDF School, 40 participants.

In preparation:
- Fitting Workshop, March 30 - April 1.
- MC School 2009, April 20-24.
- Computer Algebra School, March 29 - April 3.

In planning:
- CTEQ+MCNET+Alliance School 2010
- Introduction to HEP statistics
- Limits+Combination Workshop
- Yearly introductory course to beginners
- Grid tools workshop
- Scientific computing
- non-basic ROOT

Your ideas?

CONTACTS AND SUPPORT

PHYSICS AT THE TERA SCALE Helmholtz Alliance

Analysis Centre:

- anacentre@desy.de: general address for distributing information
- anacentre-manage@desy.de: individual questions, information, concern, ...

MC:

- hannes.jung@desy.de, judith.katzy@desy.de, serguei.levonian@desy.de, zoltan.nagy@desy.de
- anacentre-mc@desy.de

Statistics Tools:

- olaf.behnke@desy.de, stefan.schmitt@desy.de, claus.kleinwort@desy.de
- anacentre-statistics@desy.de

PDF:

- sven-olaf.moch@desy.de, alexandre.glazov@desy.de, johannes.bluemlein@desy.de
- anacentre-pdf@desy.de

... and all of the persons above directly, of course ...

Which is the best way to organise support? (mailing list, WIKI, FAQ, hypernews, ...)

Need to try it out !

DISCUSSION WEEKS/DAYS

PHYSICS AT THE TERA SCALE
Helmholtz Alliance

Analysis Centre Discussion Weeks

- Bring together small number of experts to work on well-defined problem for limited period of time, ~1 week.
- Provide creative atmosphere, a bunch of experts, work space, opportunity for discussion and exchange ...
- mid/long-term effect: Accumulation of experience and knowledge in the centre.

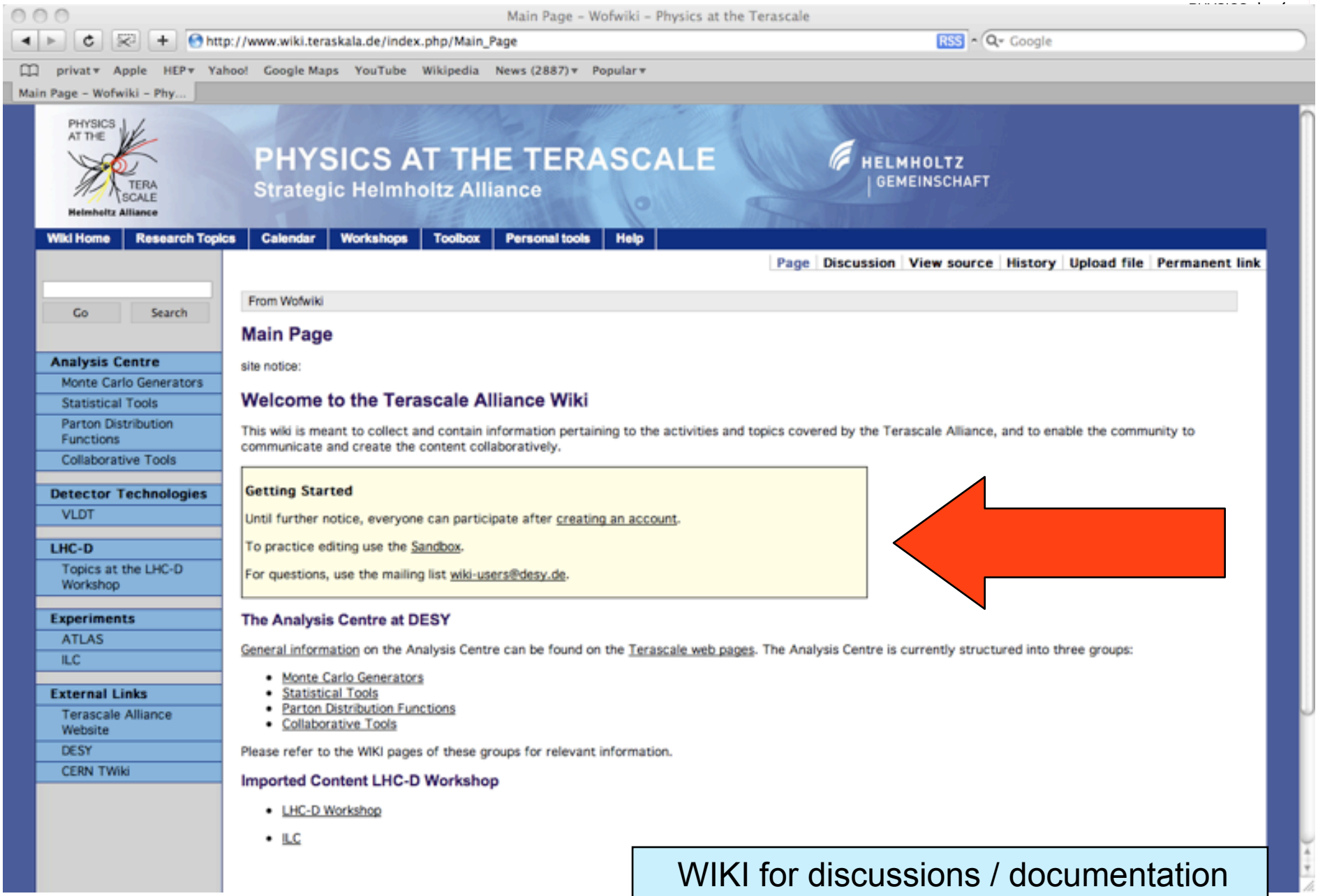
First two discussion days took place in October and yesterday:

P. Marchesini: Criticism of the dipole approach.
~20 people attending directly / via EVO. Very productive discussion.
J. Huston: PDF4MC

Planned discussion weeks:

- MC group: - Minimum bias, underlying event and MPI (Gieseke, Lund)
- PDF group: - PDFs and luminosity determination (R. Thorne, P. Nadolsky)
  - Heavy flavour in PDF fits (A. Vogt, S. Alekhin)
  - role of strangeness in PDFs (R. Thorne, N.N. from HERMES)

Open for your suggestions and wishes!



WIKI for discussions / documentation of MC / PDF / Statistics / general issues.

GOOD-BYE

... and thanks a lot for your attendance, your questions and contributions!

Thanks a lot to all speakers for their presentations!

Thanks to the organizers Sven, Johannes, and Sasha!

Hope to see you soon at another Analysis Centre school or workshop, or in one of the Analysis Centre groups!