Welcome

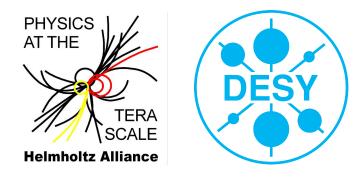
to the Monte Carlo School 2009



Thomas Schörner-Sadenius

for the Analysis Centre of the Helmholt Alliance "Physics at the Terascale" DESY (Hamburg), 20 April 2009





WELCOME TO THE MONTE CARLO SCHOOL 2009 ...

- > ... the latest in the *long* tradition of schools organised by the Analysis Centre of the Helmholtz Alliance "Physics at the Terascale"
 - 04/2008: Monte Carlo School 2008: 100 participants
 - 10/2008: Statistics Tools School 2008: 120 participants
 - 11/2008: PDF School 2008: 50 participants
 - 03/2009: Fitting Workshop 2009: 90 participants
 - 03/2009: CAPP School 2009: 30 participants
 - 04/2009: Monte Carlo School 2009: 75 part.
 - 06/2009: Detector Understanding Workshop
 - ~10/2009: PDF School 2009
 - ~11/2009: Scientific Computing Workshop 2009

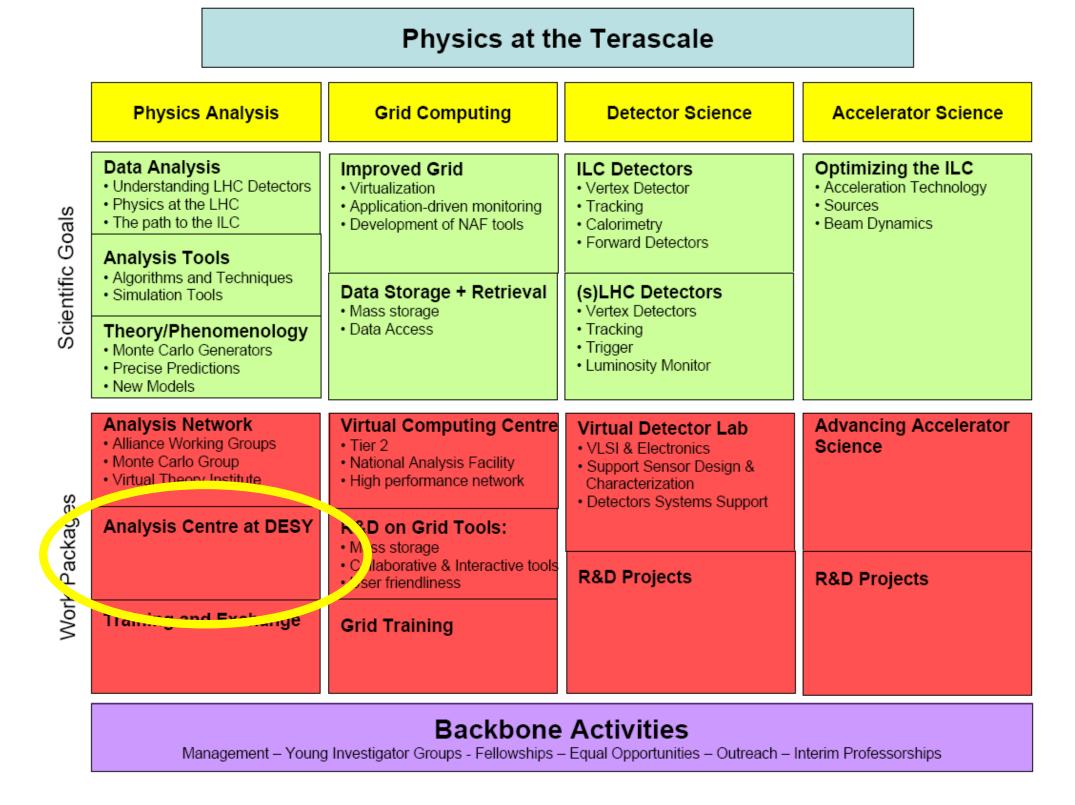
Reduced # of participants:

- -Topic?
- Saturation with MC knowledge?
- Too many schools?
- Strong participation from DESY.

Schools and education events clearly one strong point of the Alliance!



THE ANALYSIS CENTRE IN THE ALLIANCE





THE ANALYSIS CENTRE IN THE ALLIANCE

Analysis Centre

MC Group

- Contributions to MC for LHC
- Schools, workshops
- Support tools for tuning / validation
- Tuning of parton showers, understanding of UE/MPI.

Statistics Group

- Development, implementation and promotion of tools
- Connection to LHC stat. committees
- Schools, workshops
- General statistics support for Alliance

PDF Group

- Development of open-source PDF fitting tools
- PDF support
- Schools, workshops

Other activities

- Information and communication
- Knowledge database
- Web and WIKI; documentation, discussion.
- "Discussion days"
- ..

Analysis Working Groups

- Starting new initiatives
- Supporting existing groups.
- Example: mtautau
- Question: Experiment boundaries?

LHC Data Analysis (?)

- NAFas powerful computing tool.
- Involvement of large LHC groups at DESY → crystallisation seed?
- Needs time; wait for LHC data.



YOUR FRIENDLY ORGANISERS (MC GROUP) ...

- Already now: Thanks to all who contributed and helped to make the school a success:
 - Hannes Jung
 - Judith Katzy
 - > Serguei Levonian
 - > Stefan Gieseke
 - Wolfgang Kilian
 - > Michaela Grimm
 - > Alexander Flossdorf
 - > Niladri Sen

- > Sebastion Johnert
- > Eberhard Wuensch
- Wolfgang Ehrenfeld
- Malgorzata Worek
- **>** ...



ONE ORGANISATIONAL ISSUE

Feedback questionnaire

- Thursday morning feedback questionnaires will be handed out, asking for your opinion on the school, its organisation, contents, the social events etc.
- There is space for comments beyond the given questions. Please feel free to say what is on your mind ...
- → Help us to improve!

Now it is up to you to make the most of it. Enjoy a productive school!

