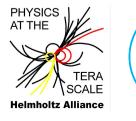
Detector Understanding

... with First LHC Data

Thomas Schörner-Sadenius (for the Analysis Centre)

DESY Hamburg 3 July 2009







... IMPRESSIONS ...

- Lectures overall well received.
- Tutorials: Stable audience for ATLAS, significant losses to the CMS crowd – due to heat?
 - Very difficult to get the right level, and wide spectrum of participants.
- Smoothly working NAF; some hickups in tutorials
 - Need still better preparation?
- Very nice welcome reception and dinner - thanks to the weather gods.
- Now looking forward to your feedback.

Workshop on Detector Understanding with First LHC Data



PHYSICS AT THE TERASCALE

29 June - 3 July 2009. **DESY, Hamburg Site**

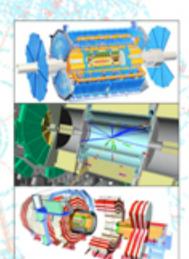
- Muon ID and reconstruction
- · Jets and missing transverse energy
- Tau ID and reconstruction.
- · Electrons and photons
- Tracking, vertexing and b-taggi
- Alignment and calibration
- Hands on exercises for object reconstruction

The workshop is aimed at Ph.D. students and young postdocs who want to learn about the different physics objects, their construction, access and usage (in the experiment-specific software ainvironment), and about related problems like calibration, resolutions, alignment, etc. The workshop consists of lectures, computer exercises, and invited talks on

Invited talks:

- The first 100 days of Tevatron
- Minimum Bias Physics and the Underlying Event at the LHC
- · Physics with first data at the LHC

Registration deadline: 31.05.2009 Please register via the school webpay





W. Elizardold (DESY), J. Haller (Hamburg), K. Hospfter (Aachen), O. Kortner (MPI Munich), I. Wolzer Pollmann (DESY), S. Marske (MPI Munich), A. Meyer (DESY), X. Moonig (DESY), J. Schlack (MPI Munich), Th. Schoemer-Sadenius (DESY),

http://www.terascale.de/detector09



THANK YOU!

- > To the many people who helped to put this school in place.
- > M. Grimm for the smooth organisation
- Steinbrück and W. Ehrenfeld (and others) for getting CMS and ATLAS tutorials smoothly running
- > all the NAF staff, DESY IT and technicians, UHH IT, ...
- To all the lecturers!
- > To all the tutors!
- > To all participants for their input, questions, feedback, etc.
- ... and, last but not least, to the Alliance for their financial support, and to DESY for hosting the event.



ORGANISATIONAL ISSUES

- Hostel: Hopefully everybody picked up their bills?
- Lectures will be put on the web (both slides and MP4).
- The tutorials are documented on the respective WIKI pages in ATLAS / CMS → should be accessible via workshop INDICO page:

https://indico.desy.de/conferenceDisplay.py?confld=1811

- In case of questions connected to the workshop, don't hesitate to contact tutors, lecturers or the Analysis Centre, anacen@desy.de
- > ... anything else?



... AND NOW ...

... have a good trip home, and come back at some point for another Alliance event...

