

LHC Physics Discussions

First Meeting – Diffraction
DESY, 3 May 2010

... A FEW WORDS OF INTRODUCTON ...

- > Lots of expertise at DESY in many different fields (HERA, LHC, theory, ...), one of few places in the world with both ATLAS AND CMS!
- > Need to exploit these advantages!
 - Maximize coherence of DESY's physics programme, identify possible synergies across the experiments.
 - Profit from the many opportunities offered by the large expertise.
 - Increase DESY's impact on LHC physics (note the monthly LHCC Physics Days on dedicated topics at CERN).
 - Foster DESY's academic life and contribute to the shaping / defining of future developments of HEP at DESY.
- > ➔ About monthly “LHC Physics Discussions”, typically on Monday at 11:00, inviting DESY HH+Z, Humboldt, UHH.
 - Open discussions, led by expert introductions.
 - Not yet fully clear (to me): Who can show what – but hope to mainly avoid these political issues.

... PLANS ...

> INDICO: <https://indico.desy.de/categoryDisplay.py?categId=194>

The screenshot shows the INDICO website interface. At the top left is the INDICO logo (Integrated Digital Conference). The navigation bar includes 'Home > LHC > LHC Physics Discussions' and a location dropdown set to 'LOCAL: Europe/Berlin'. A 'login' button is in the top right. Below the navigation is the category title 'LHC Physics Discussions' with managers listed: Moenig, K.; Schoerner-Sadenius, T.; Borrás, K.; Weiglein, G. A 'Tools' sidebar on the right contains links for 'Browse Categories', 'Events Overview', 'Calendar', 'Site Map', 'Statistics', 'Search', 'Indico News', and 'Help'. Below the title is a section 'Events in this category:' with a dropdown for '2010'. Under 'June 2010', there is one event: '21 LHC Physics Discussion: Top Physics'. Under 'May 2010', there are two events: '17 LHC Physics Discussion: Underlying Event and Multiparton interactions' and '03 LHC Physics Discussion: Diffraction'. At the bottom right of the event list is an 'Add Event' section with options for 'Lecture', 'Meeting', and 'Conference'.

- > In addition: SUSY parameter determination, PDFs, SUSY searches, Higgs, small x and BFKL, W/Z production for detector understanding, ...
- > Any input is welcome. Please contact Kerstin B., Klaus M., Georg W. or myself.