

Questions

- 1) What are the most measurements with the existing LHC data?
- 2) What are the limitations of the present analyses and how to improve them?
- 3) Proton tagging: which new measurements?

Technical issues

Monte Carlo

- Contamination of non diffractive events
- Extrapolation to unmeasured areas
- Low mass diffraction
- UE MPI
- Energy flow in the forward direction

Data

- Pileup subtraction
- Beam induced backgrounds

Topics raised this morning

Synergy cosmic rays - particle physics

- which LHC measurements could be helpful to cosmic ray analyses?
- what is missing in HEP MCs which appears in cosmic ray models?

Neverending discussion on diffractive dijet production at HERA...is it photon issue or rather survival probability issue? If the latter, is there something which we can do at the LHC to clarify the issue?

Many of the recent measurements @ LHC in restricted ranges (e.g. mass, rapidity,...). How much are the results dependent on MCs?

Cross section measurement (total, inelastic) @ 14 TeV: repetition ok or do we need to improve?