

Introduction

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News from Top coordination

- Top reco EDM:
 - Progress (output/input)
 - Please have a look at the proposals and give feedback to Ivo and Gustaaf
- Top mixing exercise:
 - Production ongoing
- Towards Winter conferences
 - Possible to describe analyses not included in the CSC notes, and finalised, in an internal note, + talk in plenary top meeting

News from top coord.

- Towards Winter conf.
 - This note should be written in January (beginning) → referee
 - Volunteer?
- Trigger:
 - D. Berge: expert for top group
 - Work to be done (tau, jet, E_T^{miss} , ...)
 - Workshop in february
- Jet:
 - One b-jet scale meeting next week, one light JES meeting in January

Monte Carlo production

- Status:
 - 5200 : full sim l+jets and di-leptons, AOD done
 - 5205 : AcerMC+ Pythia full sim l+jets and di-leptons, AOD done
 - 5206: AcerMC+ Herwig full sim l+jets and di-leptons, AOD done
 - Single top samples available
 - W/Z+jets background to be redone (bug found)
 - Full had. To be redone

Monte Carlo production

- TOP MC meeting on October 27
 - See Akira slides
<http://indico.cern.ch/getFile.py/access?contribId=0&resId=0&materialId=slides&confId=43763>
 - See full Top list2008 at
<https://twiki.cern.ch/twiki/bin/view/Atlas/SimulationStrategyGroup2>
 - 2008@10 TEV finished
 - Expand 10 TeV production, put lower priority to 14TeV
 - Add stat
 - Alpgen W,Z+jets (up to 3fb-1)
 - Add samples
 - Sherpa W,Z+jets
 - QCD multijets (with SUSY gp)
- For top mass:
 - ask more top mass points @ 10 TeV? (6201-04) 160-190/10 GeV
 - Wcc, Wbb
 - Pile up?

Top mass organisation

- Interface with top reco:
 - Test of the EDM input/output
 - Feedback in both groups
 - At least 2 volunteers
- Light jet energy scale
- B-jet energy scale
- Triggers for top mass analysis (various channels)

Top mass organisation

- Monte Carlo production:
 - Interface with Akira
 - Follow the production + test
- Generator level understanding:
 - Work with Borut/Liza
- Interface with b-tagging perf.
- E_T^{miss}
 - Follow the performances of the algorithm

Plans for the next weeks

- Analyses @ 10 TeV
 - Data-driven
 - Development of common tools inside the top mass group
 - Precise definition of tasks
 - Look at the top mixing exercise
- Next top mass meeting
 - 13/01/2008