

**Minutes of the conveners' discussion at the
3rd meeting of the LHC Minimum Bias and Underlying Event WG, Sept 6-7 2010**

Minutes updated and posted on October 7

(1) Dates of next mtgs:

o Following the meeting, we selected Febr 7-8 for the next mtg. We shall start on Monday 7 after lunch, continue on Tue morning, and use the Tue afternoon if necessary.

(2) Common plots

o The timescale for their readiness is still a month or two. It is agreed that, before showing any comparative plot to the public, we would discuss them in a close meeting of reps from the experiments. This we can do as soon as some set of common plots (not necessarily all) are available from more than one experiment, with a meeting of the relevant people.

o A draft proposal of what to do with the common plots and their documentation, as was developed after the discussion, appears at the end of these minutes

(3) Strangeness and identified particles production

o There was a lot of interest in the results shown by the experiments on production of strange particles. Some recommendations were put forward (e.g. to display results for ratios relative to inclusive particle production, in addition to the absolute measurements). We decided to setup a small WG of experts to discuss how to best use these data on strangeness, as well as on identified particles (proton, antiproton, phi, etc). The goal is to propose some common plots, and to explore how to bring together the information from the central and the forward measurements.

o Update, Oct 7: the list of experts for the WG is almost complete, and a meeting will soon be called

Proposal for the handling of common plots

1- it is expected that each experiment will document their analysis and their common-plots results in public notes

2- the comparison of the common plots will be done by those who produced them in the 3 experiments. A note will be written to document the findings of the comparison.

3- the note will be subject to the comments and approval of the collaborations before being made public. The WG conveners will act as interface between the collaborations and the WG during this process.

4- the note can be tagged as a MB&UE WG Note, and it could have in addition the Note numbers that the individual collaborations may want to assign to it. We shall discuss who should sign it (the set of conveners plus the actual authors? the whole collaborations?).

5- the results of the note will be available for those who want to show its results in public talks, and the relative data should be stored in some "safe" place. We can get guidance and support from the CDS people for this aspect.

6- There are no strong feelings on whether the note should be sent for publication or not. We don't think this needs to be decided now, it is something we may decide to do if at the end we believe that its contents are of particular scientific value.

7- Once and if we agree with a given procedure, any collaboration may decide to stop the process at any time if they feel that there is a serious problem.

