Minutes of Meeting 27-11-2009

Present: J. Caride, C. Iglesias, A. Gallas, A. Pazos, P.Rodríguez, E. Pérez, D. Esperante, P. Vázquez, J. Visniakov.

1) DEPFET status (Jevgenij, Pablo Vázquez, Carmen, Javier Caride) (20 minutes)

Pablo V. remembered us the problems with the stability of the matrix in the laboratory reported last week. He said that it is difficult to know what is wrong. The laser seems to be OK…He think that we don't have a very good matrix, this is not a good candidate for the test of the power supply, so Jevgenij are going to get a new one in the future.

Then Pablo V. spoke about his talk with Fernando Arteche. They are going to do something similar to us for the CMS Update (with Ivan Vila from Santander). They have expertise in the design of power supply. They are going to ask for money for the project… Something related with ask permission of the Bell collaboration.

Pablo V. explained that they want to design the power supply to see which frecuency inject noise, how they affect to the data taken… But Daniel was not agree with the needed to do this study.

Carmen reported the news of the ILC Software. First she remembered that last week she was able to install all the ILC software needed for the TB analysis in a 64 machine. This was not an easy work because ILC software is designed for 32 bit use, so a lot of code had to be changed. But this change was need, because with a 32 bits configuration it was not possible to work due to the data increase during the analysis and the DepfetReader processor can not work with these data.

Now we have a 64 bits installation but when she run Marlin she gets problems. So she asked Julia about it and she told her that we don't have the correct version of the Eutelescope package. So Carmen copy it from the Bonn servidor and the she was able to do the first two steps of the analysis:
1- transform raw data from .dat to .slcio format
2- generated pedestal
But when she try to do the third step (generate cluster) she obtain an error.

On the other hand these two steps only can be done with a DUT of 32x24 (standard size), if she try to analyze another run with different DUT geometry (24x24) she can't.

So she asked Julie again and she told her something related with the version of the gear package (the package which defines the geometry of the detector). Today Carmen have installed the gear version form the Julia repository and the next step is run again Marlin and see if we can work if different size of DUT.

Respect to the installation of the ILC software on the GRID machine, the responsible of the SW (Jan Engels) send a mail to Carmen saying that the installation was made, but

when he try to send an example job he had problems, so it seems to be something wrong.

2) Shift piquet report during beam injection in LHCb (Abraham) (5 minutes)
Things seem to be OK and everything works as expected, in the next weeks we expect to have data and goods results.

A.O.B. (5 minutes)

Next week, it will be the LHCb week at CERN and also there will be a Linear Collider Meeting at Madrid. Carmen and Pablo are going to travel to Madrid, now they are preparing the presentation, may be they can include some diagram with the skeleton of the different steps needed in the analysis of the TB data, what are made what are the next to do.