

Minutes of Meeting 06-11-2009

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

1) Construction of the VELO module (Eliseo) (5 min)

Eliseo told us that the module is almost finished. There were problems bonding from the second pitch adapter to the sensor. The pads on the sensor side are not in good condition since this is a recycled sensor that has been bonded before. He is doing the bonding manually. This is very time consuming so he could not finish it last week. He will finish the bonding so on Tuesday Xabier Cid can take it to Geneva with him.

2) DEPFET status (Jevgenij, Javier Caride, Pablo Vázquez, Carmen) (15 minutes)

Jevgenig and Pablo reported on the statuses of the DEPFET module. Unfortunately it is not working in a stable manner. This module, matrix + hybrid, is a class B assembly. A problem with the Gate on Voltage has been spotted in the hybrid. It reads -0.4 instead of +2 volts. This is known inside the DEPFET collaboration and the collaborators in Germany have been informed about this. This cause that sometimes the module can be operated in a normal way, other times is not possible to operate. Waiting news from Germany about a possible fix.

Signals with a ^{109}Cd source have been observed. Data was not save to disk so we cannot have an estimation of the S/N ratio. However that will be try again next time. There are collections of histograms in the analysis software installed in the desktop in the lap that can give us info about the detector once we can operate it again.

Jevgenig explained that now the analysis online is done in the computer inside the lab, not in the Jevgenig's laptop, because the ILC software needed have been already installed. Carmen specified (but anybody listen to her due to problems with the micro) that Marcos told her that ILC software is almost installed, because there are problems with two packages of Marlin (but Carmen suspect that these packages are not needed for online analyses, because in this case Jevgenig and Pablo couldn't do nothing and in fact they are doing analysis with the SW). Anyway, she is going to check the installation next week.

Carmen also talked about the installation of the ILC software in the GRID. The GRID site in the CESGA machines is already prepared to support the VO of ILC, and Carmen has send a mail to the responsible of the ILC Software (Jan Engel) to inform about it. He will start to install the SW in our site next week.

Finally Carmen also talked about the installation of the ILC software in the Javier's laptop. All the packages and the programs needed for the analysis of the TestBeam

Data have been installed. Now, Carmen and Javier can open the MarlinGUI, the tool to select the different processors, but they have 3 problems:

- 1- They don't know what is the file which define the geometry
- 2- They don't know how to execute the DepfetReader processor to pass the raw data from .daq to .slcio format
- 3- They don't know how to link with the millipede file to do the alignment

Anyway, they have been managed to active the 8 processors that appears in the presentation of the Bonn's guys, but they obtain an error message due to the missing of the files that Carmen mentioned previously.

Javier has written a mail to Marcel and he will answer next week.

Pablo Vázquez reported on the failed trip to Zaragoza due to weather conditions. On the other hand, Fernando Arteche managed to come to Santiago. The visit was very fruitful in terms of the collaboration with our group in what concerns the grounding scheme. Pablo Vázquez, will present next Friday a plan of the tasks in which the Fernando's group can help us in the design of the LV & grounding scheme for SuperBelle. The estimation cost from Fernando's group in what respects these tasks will be provided in a couple of weeks from now.

A.O.B. (10 minutes)

Abraham reported on the training sessions to be shift piquet and something about the status of Pablo Rodriguez's work in the PVSS for the ST

Carmen explained that the first week of December there will be a meeting in Madrid about the Linear Collider. She is already registered in it, but she didn't see anybody else from the group in the list of the participants, so she asked about it. Abraham told that at least one member of the group must be there in order to inform to the rest, and he suggested talk with Bernardo about it. The main problem is that the ILC meeting is the same date as the LHCb week at CERN.