

Minutes of Meeting 23-10-2009

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

1) Construction of the VELO module (Eliseo, Antonio) (5 min.)

Eliseo told us that he hopes next week everything will be ready.

Pablo Rodríguez will be at CERN in the first week of November (2-6) for Shift Piquet training of the ST, and he will take with him the module finished.

2) DEPFET Status (Jevgenij, Javier Caride, Pablo Vázquez, Carmen) (20 min.)

Jevgenij told us that the software of ILC is not yet installed for monitoring. Pablo Vazquez explained that data acquisition is working, but they also want to see the signal from the source and the laser on-line. For now, they can see the data but with the Jevgenij's laptop and it takes some time, it's better can use the PC in the laboratory for this task, but there are problems in the installation of the software needed: the system was moved from Linux to USE, problems with the Lab View have been resolved but still more package and tools are needed to be installed (by Marcos) before Carmen can install the ILC software.

Carmen told us that she was installing the ILC Software in the Eliseo machine in lab, but there were problems because this machine is 64 bits and the ILC software is designed for 32 bits. So now the plan is to install the ILC software in the Javier's laptop, but first it will be needed to the partition for Linux and install the SL5 with the proper programs and the packages needed for the ILC SW. She thinks that when the SL5 will be installed, she will can do the installation of the ILC Software without problems, because she have already done it in the Jevgenig's laptop and fpmac116 machine and they works OK.

3) Results from ST TED Run Analysis (Abraham). (5 minutes)

Abraham reported on the analysis of the TED run data (October 12th). After a preliminary analysis, with the new Beetle parameters we get an increase in the signal of 5% in the case of the Inner Tracker and 10% in the case of the Tracker Turicensis (TT). In the case of the TT, the detector was programmed with the set of parameters that have been tuned for the IT. A fine-tuning will be required to determine the final set of parameters for the TT. Pablo is going to take care of that.

4) FP7 /AIDA proposal (Abraham) (20 minutes)

Abraham reported on the status of the FP7 AIDA application to the European Community.

Within this call there are several work-packages, we will place our proposals in work-packages WP3.1 and WP9.2.

He told us about the proposal in WP9.2, since he is involved in that. The proposal consists in the construction of a test beam telescope based on the Timepix technology. This proposal has been very well accepted inside the Spanish and LHCb community. We are still waiting for the confirmation of the involvement of more HEP groups (UK, CERN (Timepix/LHCb, ...)).

Pablo Vázquez, told us about the WP3.1, related with the electronic technologies. He told about different tasks involved in this project and also about the people planned to work in it, as well as the money needed.

The nominal manpower for this project: 1 person (from Electronics Department of USC) for 1 year (project will be designed for 14 months) to develop linear APD's. B. Adeva suggested increasing the amount of time and personnel allocated to this project, maybe 24 months. In order to do that, maybe it is necessary to increase the number of tasks to develop in this work-package.

5) FEE tuningPVSS for IT and TT status (Pablo Rodríguez) (10 minutes)

Pablo R. told us about the status of PVSS. He has been working on TT project this week. It is more advanced than IT project, so next week, he will update IT, in order to have the same versions.

A.O.B. (5 minutes)

Finally, Pablo Vázquez told us about the last DEPFET meeting, there he was talking with Fernando Arteché (from University of Zaragoza), he is interested in collaborate in the Depfet project with us, helping in the design of the LV/grounding scheme of the detector. So, Pablo will travel to Zaragoza to meet him and show him the project. It is also possible to arrange as well a seminar of Fernando Arteché at the USC.