

## **DESY EUDET Meeting,**

**24 January 2006**

Tobias Haas

EUDET News

The EUDET consortium agreement has been signed by all 23 partners. Now the contract has to be signed. Then the money can flow. This will happen very shortly. The short time required to get all the administrative work done is considered a record. For the kickoff meeting 66 people have registered.

The next overall JRA1 meeting is going to take place as a phone conference on 3 February, 16:00. At that time the DESY plans for the integration should be clarified so they can be presented.

Tobias Haas

Prague Telescope Simulation

Daniel Scheirich, Zdenek Dolezal and Peter Kodys have done a simulation for the DEPFET testbeam at DESY. Results can be found on the EUDET web. It has been investigated how the precision that can be reached on the DUT plane can be improved. A very compact setup has been compared with a slightly bigger one where the two exterior planes have a larger distance from the DUT. Also the influence of the windows around the sensors has been looked at. The conclusion is that the compact setup has the best properties and obviously less windows material is better than more. In the best setup residuals around 4-5 microns on the the DUT plane can be reached at 5 GeV beam energy. Uli Kötz thinks that this is too optimistic. The people from Prague are willing to put a EUDET telescope into their simulation.

Tatsiana Klimkovich

Current work in the testbeam

Yola, Tatsiana and Uli have gotten Uli's strip telescope to work. There are some small pedestal problems that need investigation with different rates. However, taking data currently interferes somewhat with the work on the ZEUS LUMI activities by Nicola Coppola. He will be out of the beam next week. Then the required data can be taken. At that point the telescope should also be operated with the MIMOSA V sensor inside. Next topics on the list after getting everything working is the operation with an Fe source.

Discussion:

We should start to organize an independent MAPS readout setup. For that we need 1 additional VME crate and a VME computer + reasonable PC. This should be bought from EUDET money. The wish list should be produced. Then we can go ahead with the purchasing.

*Next Meeting: 2 Feb. 2006, 14:00 – 15:30 (Preparation of Phone conference)*