

CALICE COLLABORATION

Steering Board Meeting of May 10, 2006 at McGill University

Minutes compiled by J Repond

Present

Jean-Claude Brient (spokesperson), José Repond (chairman of steering board), Jae Yu (chairman of technical board), David Bailey (United Kingdom), François Corriveau (Canada), Felix Sefkow (Germany), Vaclav Vrba (Czech Republic), Andy White (United States).

New members

Japan: Kiyotomo Kawagoe (Kobe University) and Tohru Takeshita (Shinshu University) have applied for membership. They propose to develop a scintillator based ECAL and HCAL which mixes pad and strip readout. Before admitting these new groups, the SB requested a detailed outline of their planned activities, a statement about the available funds and manpower for the next years, and an official statement of their respective universities approving their membership in the collaboration.

India: The Bhabha Atomic Research Centre (BARC) in Trombay, Mumbai, India applied for membership. The group is experienced in production of silicon based detectors and funding appears to be available. The group plans to contribute 50 wafers (where they pay for 25) for the ECAL prototype. An official letter from BARC, which requests membership in the collaboration, was circulated to the members of the board. The SB unanimously approved their membership without further conditions.

FNAL: It was decided to discuss FNAL's possible membership with Jim Strait (who was present during the entire CALICE meeting).

Speaker's bureau

The SB discussed David Ward's e-mail concerning the speaker's bureau in some detail. The SB made the following recommendations, all in line with Ward's specific suggestions:

- All CALICE speakers need to notify Ward of conference talks they have applied for or are planning to apply for.
- In order to improve our visibility, the collaboration should increase their rate of abstract submissions at conferences.

- A list of conferences where our attendance and representation of CALICE is important needs to be made and kept up to date.
- A web page containing all CALICE talks would be very useful. Jean-Claude Brient will ask one of his students to possibly help with setting up and maintaining of such a web page.
- New results need to be presented to the collaboration in one of its regular meetings before they can be made public. In case the results need to be made public before a collaboration meeting can take place, the results will be reviewed first by the collaboration's physics chairman (to be appointed) and two referees (appointed by the physics chairman), followed by distribution to the entire collaboration. The collaboration will have one week to comment, after which the results will be made public.

Funding situation

USA: There is hope for more adequate funding starting in fiscal year 2007. The president's budget requests a substantial increase for science in general, including physics. The funding for the linear collider will double from \$30M to \$60M. It is generally believed that some of these funds will be provided for detector development. Our development of PFAs etc is explicitly mentioned in the document: "Prototype calorimeter and tracking systems will be studied in the Fermilab test beam, providing a major test for particle flow algorithms and detector construction techniques", see p339.

CERN test beams

Recently the CERN test beam developed problems with the particle ID system. As a consequence it appears doubtful that the Cerenkov will be operational during the July period. In case no particle ID will be provided, the plan is to run with pions. Chances for having particle ID in the August and October periods are looking somewhat better.

FNAL test beams

FNAL plans to implement significant improvements to the MT6 beam line. The secondary target will be moved further downstream, thus increasing substantially the production of low momentum pions. The cost for the modifications to the beam line is of the order of \$150k to \$300k.

J Repond reported on the generally positive experience with the RPC tests in the MT6 beam line. The major hurdle to data taking was to obtain approval for the safety of the gas system and mixture. Adjusting the beam intensity to values acceptable for RPC operations appeared to be easily done.

Concerning the MIPP experiment the SB decided at this point to refrain from making an official statement.

Next collaboration meeting

The next collaboration meeting is planned for early October 2006 at CERN.