CALICE COLLABORATION

Steering Board Meeting of September, 2007 at Prague University

Minutes compiled by J Repond

Present

Jean-Claude Brient (spokesperson), François Corriveau (Canada), Paul Dauncey (United Kingdom), Mary-Cruz Fouz Iglesias (Spain), Imad Laktineh (France), José Repond (chairman of steering board), Felix Sefkow (Germany), Tohru Takeshita (Japan), Vaclav Vrba (Czech Republic), David Ward (speaker's bureau), Andy White (USA).

New members

MPI Munich: the group is interested in contributing to the software development, to the mechanical aspects of the AHCAL and to the development of thick GEMs as active medium of the HCAL. The SB unanimously accepted their membership in the collaboration.

CNESTEN, Casablanca (Marocco): these groups are interested in simulation studies and data analysis, possibly also in contributions to the electronics development. The SB unanimously accepted their membership in the collaboration.

The SB agreed to impose an 'entrance fee' to new collaborators in the form of contributions to CALICE common tasks. A list of such tasks will be compiled in the next few weeks and will be circulated to the members of the SB.

Speakers at conferences

The SB agreed to ask Fabrizio Salvatore to represent the collaboration at the upcoming SPSC meeting

Jean-Claude Brient will represent CALICE at the DESY PRC meeting (November 8 – 9).

The speaker's bureau will coordinate the CALICE talks to be given at ALCPG'07 (October 22 – 26).

Next meeting(s)

The SB scheduled the next meeting in the second half of February/early March at Argonne (Repond assented).

The SB agreed to introduce parallel sessions at the next meeting. The sessions will not review a given calorimeter project or technological approach, but rather focus on specific issues. The sessions will take place on the first day with three parallel sessions each in the morning and the afternoon.

Calorimeter review

Most members of the SB had a chance to read the report from the June calorimeter review (held at DESY). In general, the board is satisfied with the report and no further changes to the text appear to be necessary.

Financial situation of the Canadian groups

The Canadian groups find themselves in a difficult financial situation. With a meager support of $2k/year no serious project can be initiated. Ways to remedy the situation were discussed.

Papers and authorlist

According to the collaboration's MoA, all members of CALICE are entitled to sign papers based on combined test beam efforts (such as this year's CERN test beam). However, groups which feel that their contributions to the effort are not sufficient for being included as authors have the right to withdraw from the authorlist.

It was noted that there is strong pressure from the funding agencies to produce papers based on the test beam measurements in a timely manner. In the following the board reviewed the plans for publications project-by-project:

- ECAL: 2 papers are imminent: i) technical paper (description of the device) and ii) energy response and resolution. The first paper is expected by the end of the year. The second paper will be based on 2006 data.

- AHCAL: a technical paper is in preparation. The question of whether to publish the 2006 separately remained open. {Priorities for reprocessing of the data need to be sorted out}.

- DHCAL: the group plans to produce 4-5 papers based on the vertical slice test at Fermilab: i) technical paper (description of the apparatus including noise rate measurements), ii) calibration paper (using muon data), iii) positron results, iv) pion results, and v) rate measurements. The first two papers are foreseen to be completed in 2007.

- Scintillator – ECAL: the group plans to publish one paper before the next test beam run (at Fermilab).

Silicon wafers

The Prague group brought to the attention of the SB a lack in coordination of the ECAL wafer development. This leads to unpleasant surprises in general CALICE meetings, where significant changes to the wafer design are being presented for the first time without prior discussion in the group. The problem was traced back to a serious lack of manpower in the Silicon-Tungsten effort.

FNAL test beam coordinators

Roman Pöschl and Vishnu Zutshi were nominated as test beam coordinators for next year's run at Fermilab.