

Physics and Experiment Board Meeting

July 28, 2009 14:00-15:20 GMT

Minutes (prepared by S.Yamada)

Present via Webex: Akiya Miyamoto, Francois Richard, G.P. Yeh, Harry Weerts, John Hauptman, John Jaros, Karsten Buesser, Marcel Demarteau, Michael Peskin, Sakue Yamada, Yasuhiro Sugimoto

Absent: Catherine Clerc, Hitoshi Yamamoto, Jim Brau, Ties Behnke

Report by RD

Following the discussions at the last PEB meeting, Sakue contacted the ILCSC chair regarding the matter of CLIC-ILC cooperation Statement so that inclusion of the detector activity be discussed during the next ILCSC meeting. It was added in the agenda.

Sakue described the plan of the management that if IDAG report becomes known before the ILCSC meeting during LP09, its conclusion will be informed to ILCSC besides the detector groups. Detailed final report will be presented by the IDAG chair at ALCPG meeting in Albuquerque.

Reports of each common task group

MID group (Karsten Buesser)

The final report of the accelerator design and integration meeting held at DESY in May became available as was informed to relevant persons. It is encouraged to read the document. http://ilc-edmsdirect.desy.de/ilc-edmsdirect/file.jsp?edmsid=*879845

IR region discussions are ongoing. There was a meeting at SLAC to discuss push-pull scheme of the detectors with and without a platform. It was attended mainly by SiD and ILD people and the 4th group participated partially.

Engineering Tool group (Karsten transmitted the material given by Katherine Clerc)

The group is considering an integration issue of CAD system into ILD-EDM. First ILD case will be studied as a use case. If it works, it can also be applied to other groups.

It was pointed out that other groups also be contacted or contact Katherine.

Detector R&D group (Marcel Demarteau)

The group is still working to make a list of R&D topics of high priority. It was not finished by this meeting but will need another month or so. By the Albuquerque workshop, where the groups will meet, it will be completed.

Software common task group (Akiya Miyamoto)

A phone meeting was held early July to plan for the coming stage till 2012. It was agreed to make a document of which document will be ready by Albuquerque. The group is thinking of preparing a web-site describing the group's activity.

Physics Common Task group (Michael Peskin)

There is not much report this time. The group plans to make a report at Albuquerque.

Report from the detector groups

This time particular question was what each group is doing or agreed in cooperation with CLIC detector group.

ILD (Yasuhiro Sugimoto)

There is no concrete agreement but cooperation is made by several sub groups. For instance, regarding PFA simulation on ILD model was made by Mark Thomson for jets or R&D for a S.C. solenoid is made.

SiD (Harry Weerts)

Since the meeting in Paris, there is no contact. But there may be before Albuquerque. CERN people look into the depth of the SiD Calorimeter.

The 4th (G. P. Yee)

There is cooperation with CLIC in dual readout calorimeter. Also on a individual collaboration level, there are cooperation in Si tracker, S.C. coil and Software.

The next meeting will be September 1st at 14:00 GMT.