

Physics and Experiment Board Meeting

August 2 (1400 GMT), 2011

Minutes (prepared by J. Brau)

Present: Ties Behnke, Jim Brau, Karsten Buesser, Marcel Demarteau, Juan Fuster, Akiya Miyamoto, Marco Oriunno, Yasuhiro Sugimoto, Andy White, Sakue Yamada, Hitoshi Yamamoto.

Interim Report

About half of the chapter drafts of the interim report have been reviewed by the communicators, and their comments are being addressed.

ILC Newslines

The Research Director's Report appears monthly in the ILC Newline, generally on the 3rd Thursday. Sakue has been writing every other month, and the regional contacts have written in alternate months. Occasionally, the Common Task Groups are asked to write. Marcel is preparing a report for August.

PAC Meeting

The next PAC meeting will be held in Taipei on May 19-20.

ILCSC Meeting

ILCSC will next meet during the Lepton-Photon Conference in Mumbai in August. The principal topic will be planning for after 2012.

ILD - Yasuhiro

The ILD is building the framework for the Si-W Ecal and scintillator-steel Hcal. After these are completed, they will work on other options. DBD will present baseline with options. In principle, the options are equal in priority. PAC has asked how options will be reflected in the cost. The answer is that the cost will be calculated for each option.

SiD - Andy

SiD had a big meeting yesterday with the advisory board and the DBD editors to discuss the timeline for the DBD. Milestones are being set. A meeting is being planned at SLAC in December. Progress is coming along on Iowa PFA.

MDI – Karsten

Summer vacation has limited progress. Work has started with the UK company. A meeting of the CTG is planned before Granada to work on the agenda.

Engineering Tools – Marco

The group is working to increase use of EDMS. It will make presentation to potential general users at Granada.

Detector R&D - Marcel

Not much recent progress. Work continues on the spin-off document. Once it is completed the group will work on the test beam issues.

Software – Akiya

All 1 TeV benchmark processes are set up. Test samples have been produced. The group is waiting for the final 1 TeV parameters. Background samples are being discussed.

A new version of LCIO will be announced in Granada.

Working on GRID standards.

1 TeV Machine Parameters - Jim

The GDE plans to present new parameters for 1 TeV in about 2 weeks. The SB2009 WG will study the parameters, as best they can, for a discussion in Granada.

TDR Workshop

A TDR review workshop is planned at DESY Oct 24-28. The physics and detector community is encouraged to attend.

CLIC CDR Schedule

CLIC is aiming produce a full draft of the CDR by the end of August. There will be a review in mid-October in Manchester. The CDR will be presented to the CERN Scientific Council in December.

CLIC Collaboration on DBDs

Both ILD and SiD are expecting collaboration from CLIC for the DBDs. ILD and SiD are satisfied with the plans for this collaboration.

JSPS Kickoff Meeting - Hitoshi

A JSPS Kickoff Meeting is planned in Sendai on September 12-14. The meeting is open.

Next meeting

The next meeting will be (tentative) August 31 at 1400 GMT.