

4/27/09

## **Physics and Experiment Board Meeting**

**April 20, 2009** 03:45-5:00 GMT

Face-to-face during TILC09, Tsukuba, Japan

Minutes (prepared by J. Brau)

**Present in person:** Akiya Miyamoto, G.P. Yeh, Harry Weerts, Hitoshi Yamamoto, Francois Richard, Jim Brau, John Jaros, Karsten Buesser, Marcel Demarteau, Sakue Yamada, Yasuhiro Sugimoto, John Hauptman, Ties Behnke, Keisuke Fujii, Georg Weiglein.

**Teleconference:** Catherine Clerc.

**Excused:** Michael Peskin.

### **RD's Report**

Sakue started the meeting by congratulating the LoI groups for completing their documents in time and expressed admiration for their big effort.

### **IDAG**

The IDAG is meeting during TILC09, discussing the LoIs, and interviewing the LoI groups. They also pay much effort in scrutinizing the submitted documents. After the first round of discussion, they will send additional questions to the LoI groups soon, both common and specific to each. The date of the next IDAG meeting in Paris was shifted to June 19-21. The LoI groups will be invited for interviews on the first day, and possibly on the second day as well. The IDAG might reach its recommendations by the time of the ILCSC meeting during the Lepton-Photon Conference in Hamburg (Aug 17-22). At the latest, they will have recommendations in time for the ALCPG workshop in Albuquerque.

### **Beyond the IDAG Decision**

The validated LoI groups will proceed to the technical design work according to their plans and produce detector designs by 2012, to be made available along with the GDE report. The IDAG will follow this entire procedure, too. The reports will serve as a basis for a proposal to the governments from the ILCSC.

### **ILC-CLIC Meeting**

There will be an ILC- CLIC meeting at CERN on June 12. Sakue encouraged those who can, to plan to attend.

### **MDI Common Task Working Group (Karsten Buesser)**

Karsten reported on the progress of the MDI activities in the ACFA plenary session during TILC09.

Sakue announced that the IDAG is interested in a formal statement of the backgrounds and their uncertainties. Sakue and Michel have discussed this with Barry. Barry will provide information through a contact person, and Sakue has asked that whatever is given to the IDAG, is also given to the LoI groups.

Sakue reminded everyone that showing push-pull is feasible by 2012 is an important requirement. Others raised a variety of related issues – doing finite analysis, the uncertainty of the site geology, the needed alignment and calibration, the vibration of QD0.

#### **Engineering Tools Common Task Working Group** (Catherine Clerc)

Catherine reported on recent thoughts regarding common engineering tools. It seems a bit early for the detector groups. Some dedicated people are needed to devote time to working this out.

#### **R&D Common Task Working Group** (Marcel Demarteau)

Marcel will be giving a talk in the plenary session to begin in a few minutes. His report will wait for that session.

#### **Software Tools Common Task Working Group** (Akiya Miyamoto)

Software tools experts have been busily engaged in preparing the LoIs. Norman Graf will give a report in the ACFA plenary session.

#### **Physics Common Task Working Group** (Keisuke Fujii and Georg Weiglein)

The studies of early scenarios for the LHC ( $100 \text{ pb}^{-1}$ ) are starting. A first draft is planned in June, and a fairly complete report is expected by the end of summer.

#### **ACFA Plenary Talks**

The talks referred to can be found at the ACFA agenda server:

<http://ilcagenda.linearcollider.org/conferenceOtherViews.py?view=standard&confId=315>