

Minutes of WP-meeting 281

Attendance:

DESY: Ralf Diener, Oleksiy Fedorchuk, Leif Jönsson, Claus Kleinwort, Paul Malek, Sebastiaan Roelofs

Vidyo: Yumi Aoki, Paul Colas, Keisuke Fujii, Qi Huirong, Jochen Kaminski, Ron Settles, Aiko Shoji, Akira Sugiyama, Haiyun Wang

General News:

Leif announced the results of the voting: Ivor Fleck has been elected as CB-chair and is taking over from Leif, Oliver Schäfer has been elected as MarlinTPC coordinator and ILD/TPC software contact person, Paul Colas and Peter Kluit have been elected as analysis coordinators and Peter Kluit as pixel coordinator. Serguei had been selected to the speakers bureau before.

Jochen reminded everyone that there will be soon several abstract deadlines: Most importantly the ICHEP and then also of the ELBA conference. There are also other important workshops like the Asian Linear Collider workshop in Fukuoka in May. Paul is convenor of the tracking sessions. The LCWS will be in Arlington, USA in October.

Paul made a short summary of ILD activities. There were two workshops at the end of February: One in Ichinoseki and one at KEK. The amount of topics covered there was too large to be summarized, but everyone interested is advised to have a look at the presentations given on the indico pages on Paul's transparencies. The next release of the Interface Control will be due on March 28th. So, Paul will make a new version soon and this can be discussed and reviewed within the collaboration before it will be released. A new study group on costing is forming and will be led by Henry Videau. We should form a costing task force within LCTPC, where all the technologies should be present. Ron also volunteered to help, since he did the previous estimate, but he can not be the contact person.

Finally, Paul announced that the first analysis meeting will be on March 29th and it will be on dE/dx measurements. It will discuss various techniques of determining the dE/dx . It was suggested by Ron that we also look into not using a truncated mean, but by fitting a Landau-distribution to the full dE/dx distribution. This was done by ALEPH and improved the result a bit. Ron does not remember by how much, and this method was not used by ALEPH in the physics analysis due to the overhead on computing time. Since the computer processors are much faster now, it might be possible to use this method. It should be checked, if possible, using the data from the LP measurements, how large the difference is between the truncated-mean method and this method, and what the increase is in computing time.

Keisuke summarized the status of the ILC decision taking in Japan: MEXT has restarted 2 working groups. The first group is on physics of an ILC-250GeV machine. It has convened already 3 times and has started to draft a report, of which a first more complete draft will be released in April. The other group is on costing and technical issues of an ILC-250GeV. It will convene on March 22nd for the third time and then start with the report.. Final reports should be ready in May and they will be handed to the upper committee. There are two possible steps following this, but it is not clear yet, which one has to be taken.

News from the groups:

Jochen reported that the Bonn group is doing currently a test beam at their local accelerator ELSA.

They are testing the 96 chip module with and without a gating GEM. This works well and the test beam will be done on Friday.

Paul will go to DESY at the end of March for test mounting his new modules on the new endplate, upgrade the cosmic trigger and refresh the safety training of the test beam area.

AOB:

The next workpackage meeting will take place on March 22nd.