LCB MEETING

20 February 2014, DESY
(adapted from R. Rubinstein's short minutes)

ILC Activities

Lyn Evans reported that an independent international review of the candidate Japanese ILC site was held in July 2013, with the conclusion that the site was totally acceptable.

Mike Harrison described the organization of the ILC part of the Linear Collider Collaboration (LCC), and also the organization of the ILC Project Office at KEK led by Akira Yamamoto; these two parallel organizations will work together.

The GDE baseline design will be maintained at present, with configuration control. There are no current plans for a cost update.

The implications of an energy-phased ILC were discussed by Harrison. The current LCC scenario is to start with a 250 GeV Higgs factory (integrating~ 250 fb^{-1}), with later upgrades to 500 GeV in stages; technical extendibility to ~ 1 TeV will be maintained. The tunnel will be built for 500 GeV.

ILC Detector Activities

Hitoshi Yamamoto gave a possible detector timeline: assuming a “green light” in 2016, the 9-year ILC construction could start in 2018; the detectors would be ready for commissioning in 2027.

Paul Grannis has been selected as Chair of the Physics and Detector Advisory Panel.

The LCC Physics and Detector organization has a working group on ILC parameters; it is discussing a scenario of 250 GeV running followed by 350 GeV then 550 GeV (there is significantly increased ttH yield at 550 GeV compared to 500 GeV).

LCB Subcommittees

Two new LCB subcommittees will be set up, reported Sachio Komamiya. The first will be to produce recommendations for the ILC Lab structure, including such items as governance, project management, etc. The second Subcommittee is to propose an international agreement for the ILC Project; it will be a forum for the exchange of political information, and for consideration of the specific issues in each region/country.

Members of the ILC Project Advisory Committee (PAC)
have been selected, but meetings will not be held until there is significant progress in the ILC design.