

Summary of the ILCSC Meeting
25 October 2007
Fermilab

1. GDE Report

Barry Barish described the 4 volumes of the ILC Reference Design Report; "Gateway to the Quantum Universe" will be translated into 8 languages. The timescale for Engineering Design Report (EDR) completion is July 2010. The current GDE membership is Asia 101, Europe 133, Americas 233.

GDE is setting up an Accelerator Advisory Panel (AAP), and a mandate for AAP has been written. It will be composed of ~10 people, and will meet on a weekly schedule, with more complete reviews ~every month. AAP's role will include study of alternatives to major components, and also study of R&D issues.

Marc Ross presented the ILC Project Management Plan for the EDR phase. The EDR planning phase will last until March 2008 (describing milestones, interim deliverables, and deliverables), and will produce an EDR schedule; it will be succeeded by the Implementation Plan. The EDR goals will be consistent with a construction start in ~2012. One milestone is to have a cavity gradient recommendation in 2009.

2. World Wide Study

Many of the past activities of WWS have now been taken over by the Research Director, reported Hitoshi Yamamoto, and its future role is under discussion. It will continue to organize LCWS; it might continue as an ILC users' group, and might continue outreach to the public and to the scientific community.

3. Research Director

The recently appointed Research Director, Sakue Yamada, said that the 3 WWW co-chairs will temporarily serve as regional contacts representing the ILC physics community in each region. He noted that the two detector groups selected in 2008 may not be those ultimately performing the experiments, as room must be left for new developments. He expected detector R&D to continue until ~2010.

Yamada discussed the International Detector Advisory Group (IDAG), for which he hopes to have a member list by the end of 2007. IDAG will produce benchmarks (which are needed soon) for the LOI proposals. If there are more than two LOIs submitted, IDAG will make a recommendation on which two should be encouraged to proceed to the EDR stage.

ILCSC members noted the importance of the two selected ILC detectors being complementary and dissimilar.

4. Project Advisory Committee (PAC)

The PAC, consisting of ~9 members, will assist the ILCSC in its oversight of the ILC project. It will be complementary to the GDE's AAP on the accelerator side, and its oversight functions will include the review of detector activities, especially detector integration with the

accelerator. Membership of the PAC is currently under consideration, and ILCSC approved a mandate for the committee.