PM Update– 05.11.2009

- 05.11.2009 – Topics for today:
- Meetings:
  - Wednesday WEBEX
  - DESY AD & I (2-3.12.2009)
  - AAP Review (6-8.01.2010)
- Interaction with Physics and Detector Group

Today – 05.11.2009:

- Starting point for reference:
  - TILC08 or RDR?
- Overview: SB2009 impact on performance
  - Reduced parameter set: Recovering luminosity
  - Low energy operation
  - Reduced parameter set: upgrade path
  - http://ilcagenda.linearcollider.org/conferenceDisplay.py?confId=4135 (PAC Review, Pohang, 2-3.11.2009)
- Reporting AD & I work – Memo describing this meeting due to Physics and Detectors Groups
- Between now and DESY AD & I meeting
  - Timeline

Meetings:

- Wednesday WEBEX (SRF 11.11, CFS/Glo 18.11, AS 25.11)
- DESY: 02-03.12.2009
  - Invitation mailed this week
  - Indico skeleton exists
    - http://ilcagenda.linearcollider.org/conferenceDisplay.py?confId=4255
  - Please indicate if you plan to attend
- intend to freeze the technical contents of the Proposal.
  - We will discuss each of the roughly twenty sub-sections in turn, summarize each one, and resolve remaining issues to the greatest extent practical.
- Also prepare for the AAP review.
- We will invite representatives of the Physics and Detector Groups.
  - solicit their input and expect their report to be included in the agenda.

Meetings(2)

- AAP Review 06-08.01.2010
  - *Focus on SB2009*
  - PM to meet with AAP 13.11 (TBC)
  - Invitation to be mailed in a few days
    - 'Requested attendee' list to be distributed
    - Primary authors should attend
    - This meeting is not closed (will have exec sessions, as usual)
  - Our presentations will be (partly) responses to perceived (i.e. their) concerns, issues etc
    - Background information delivered in advance (now)

Implications SB2009

Physics/Detectors

COMPRESSED FROM PAC presentation:

Initial Comments from the RD's SB2009 Working Group

Working Group Members: Mark Thomson, Tom Markiewicz, Karsten Buesser, Akiya Miyamoto, Keisuke Fujii, Jim Brau

Concerns:

- The main concern is the impact of SB2009 on the potential physics programme of the ILC. .
- Increased beamstrahlung reduces the useful luminosity at given centre-of-mass energy.
- Beam energy spread is also important.

\+ Specific Questions ……. (see Yamada PAC presentation)

We have just received the concerns (and questions). They will be addressed as part of the decisions on SB2009