



PM report Nov 5, 2008:

- 0) ILC08 plenaries**
- 1) Summary of Pac review**
- 2) Report on ttc and barc (india)**
- 3) Summary of positron workshop - including and highlighting what was shown at the edms sessions there.**
- 4) Summary of discussions with Jinr since Cern - clic workshop.**
- 5) Update on preparations for aap review.**
- 6) Comments (warm machine, icfa seminar, xfel status...)**



ILC08 Plenary Presentations

- **16.11 Joint Plenary**
 - GDE 30 min (Barry); detector 30 min (Sakue)
- **16.11 GDE Plenary**
 - PM 60 min (mcr); (XFEL, CLIC-collab, ProjX); PM kick off 60 min (all conveners)
- **20.11 GDE Plenary**
 - 7 summaries 2 ½ hours
- **20.11 Joint Closing Plenary**
 - PM 45 min (Nick); Rolf 45 min
- **(20.11 PM team meeting 13:30 – 14:30)**
 - PM
- **URGE ALL CONVENERERS TO PREPARE INDICO AGENDA**



PAC Review: Oct 19-20

- written report soon(?)
- talks posted:
<http://ilcagenda.linearcollider.org/conferenceDisplay.py?confId=2846>
- **CLIC-ILC common activities very positive (CFS,BDS,MDI etc.)**
 - Interest of science at large
 - Non-duplication of effort
 - Keep community together
- **Creation of 3 PM good move and positive.**
- **AAP very useful move**
- **Schedule based on phase 1 and phase 2 was fixed by outside constraints – understood that GDE had to adapt**
- **Generally happy with world-wide R&D collaboration**



PAC Review: Oct 19-20

- **Support to test facilities (DR, ATF2, TTF-FLASH for SCF) important**
Importance of TTF/FLASH as an ILC test facility.
- **SRF: very positive about “plug compatibility” (especially for cavity).**
 - caution - constrain the number of variants
- **S1 global a clear success and example of international collaboration**
- **Looking forward for schedule on S2**
- **General work on SRF cavities: endorse strategy on continued surface preparation R&D. Important to have good statistical data. XFEL production will help a lot in this respect.**
- **(SRF) Information flow between labs involved must be ensured by GDE – also to (and between) industry (obvious problems with latter are understood).**
- **Minimum machine & cost-reduction: general endorsement of strategy - is cost reduction enough?**
 - More focus on “technical simplification” of the machine design and its positive impact on operations and operating costs.
 - Welcome ‘single tunnel’ and general studies on “simplifications”.
- **General comment: GDE progress is extremely satisfying.**



PM visit to India (take 2)

- **Tesla Technology Collaboration meeting IUAC Delhi**
 - Oct 20-23
 - Much discussion on ILC related topics
 - Next TTC chair is Y. Yamazaki (KEK)
- **Visit to Bhabha Atomic Research Center (BARC)**
 - India's nuclear reactor research center
 - 20000 staff; 5000 apartments
 - just getting started with accelerator technology
 - interested in technical / scientific exchanges



Positron Workshop

- Daresbury, Oct 29-31
- 25 attendees;
<http://ilcagenda.linearcollider.org/conferenceDisplay.py?confId=2999>
- see workshop summary presentation – plans (to be posted)
- Highlights for this group:
 - EDMS (Lars Hagge)
 - Integration (Norbert Collomb)



EDMS

- **by now well integrated at XFEL**
 - originally ILC was more advanced at DESY; no longer
 - acceptance by XFEL team has moved beyond 'content' into 'appearance'
- ***we will put all drawings / 3D cad developed for ILC in EDMS***
- **positron workshop presentations excellent**
 - to be posted...



JINR Dubna

- **Arranged for ~30K euro contract since teleconference Sept 17**
 - 2 core drill + set up?
 - report at ILC08
- **Began arrangements for 10K euro supplement from FP7**
 - will not impact GSPI this fall
- **Vic received spreadsheet with details → needs interpretation**
- **Plenary presentation at the Nuclear Physics – Russian Academy – meeting in late December**
 - Marc and Brian Foster



AAP review

- **See PAC presentation by E. Elsen**
- **Last day ‘sendoff’ meeting at ILC08 (1330-1430)**
- **‘TILC09’ is the name of the review meeting – website to be ready by ILC08**
- **key effort rests on Technical Area Group Leaders – John and Vic**

First Review – Coarse Schedule

Friday Day 0	Saturday Day 1	Sunday Day 2	Monday Day 3	Tuesday Day 4
Plenaries	Management	Acc. Facilities ATF, FLASH	e-cloud	Plenaries
	Conventional Facilities & Siting	SRF	Accelerator Systems	
			ILC Project	

- The review will concentrate on TD phase 1 in its technical scope.

Details – Day 1

- Management
 - Project Management
 - Time lines
 - TD Phase 1
 - Outlook into TD Phase 2
 - Resources
- CF&S
 - Power distribution
 - Tunnel / site configurations (single vs twin, deep vs shallow)
 - Impact of minimal machine scenarios
 - Reliability and safety aspects



Comments

- **Warm Technology:**

- Please read ILC Newslines article about ILC-CLIC collaboration: Thursday October 30
- Also: ICFA Seminar talks posted → <http://www-conf.slac.stanford.edu/icfa2008/agenda.asp>

- **XFEL:**

- Civil orders being placed now through next month or 2
 - Local area detailed preparation underway
 - temporary power, access (easement), water
- technical progress → 35 MV/m cavities using ILC – developed recipe



PM Monthly Reports

- **Edited by Associate Project Managers**
 - (rotation)
 - Tetsuo Shidara (August - done)
 - John Carwardine (September – in process)
 - Frank Lehner (October)
- **reports are posted by Maura and the web address is broadcast by Maxine Hronek to GDE (~400)**
- **to include:**
 - summaries of these meetings (4 week cycle), - including presentation material / graphics
 - short PM summary
 - other contributions
- **to be brief, on time, etc.**



XFEL meeting Dec 3 and 4 :

- **The goal is to discuss the XFEL linac designs and plans, including criteria and implementation issues. Several key construction contracts should be set.**
- **suggest 2 days:**
 - 1 1/2 day for discussion of the XFEL linac civil works and infrastructure (electrical, air, water, safety).
 - 1/2 day on XFEL logistics and contract management, including QA, change control and related CFS construction management process.
- **Compare their designs to those foreseen in the TESLA TDR and the ILC RDR.**
 - develop a 'short list' of topics within our own design which need a closer look.
- **a written summary to be provided following the meeting**
 - closeout session?
 - Please plan on the needed effort
- **Plan one more meeting before AAP review in April**
- **John, Atsushi (and Masami?), Vic+ FESS team to attend**
- **Desy contact: Thomas Hott (will be at LCWS08)**