

Wednesday 26 January 2011

15:00 - 15:05	General announcements 05'	} PM
15:05 - 15:15	BAW-2 TLCC status 10'	
15:15 - 15:25	Interim Report 10'	
15:25 - 15:35	TDR Planning (baseline design) 10'	
15:35 - 15:45	Preparation for ALCPG 10'	
15:45 - 16:15	Technical Area Groups Status Reports 30'	

Electron Source 10'

Speaker: Axel Brachmann (SLAC)

Positron Source 10'

Speaker: Jim Clarke (STFC Daresbury Lab)

Damping Rings 10'

Speakers: Mark Palmer (Cornell University LEPP) , Susanna Guiducci (INFN-LNF)

RTML 10'

Speaker: Nikolay Solyak (FNAL)

BDS/MDI 10'

Speaker: Andrei Seryi (John Adams Institute)

Simulations / Beam Dynamics 10'

Speaker: Kiyoshi Kubo (KEK)

16:15 - 16:20 AOB 05'



BAW-2 TLCC Status 1/2

- **Low-P parameters (focus on 500 GeV)**

- Damping ring OK
- HLRF solutions OK
- Luminosity
 - goal remains 2×10^{34}
 - top 30% of L is considered 'high risk' due to travelling focus (more studies)

400-500 MILCU saved

- **Source re-location**

- Primary focus on 10Hz alternate pulse implementation
 - DR reduced damping time OK
 - Positron DR 50% duty cycle OK
 - HLRF & cryo requirements OK (no change)
 - pulsed magnets and layout work in source needed.

cost neutral

- **Physics & Detectors**

- Generally positive (supportive) response across the board
- Low Ecm running a focus
- Restoration of e+ P from 20% (SB2009) back to 30% (RDR)



BAW-2 TLCC Status 2/2

- **PMs now complete proposal documents to send to Director for final decision**
 - submission end of this week
- **Similar format to KEK BAW documents:**
 - Scope of change request
 - More detailed description
 - incremental to SB2009 proposal
 - Issues
 - Cost impact
- **Will be made public (via ILC-EDMS)**
- **Director to convene 'Change Review Panel' to advise him before final decision**
- **TLCC should be complete by ALCPG 😊**



Interim Report

- **All text now received. Most edited (at least once)**
 - section 3.1 CestTA to do (NJW)
 - Many thanks to all authors
- **Final editing iteration with communicators (English!) and layout now started**
- **Figures are still an issue**
 - Several need better resolution copies
 - Will send out a list ASAP



ALCPG

- **Will follow our now established GDE workshops format**
 - joint plenary with Physics & Detector
 - Parallel WG
- **“Standard” 6 Working Groups:**
 1. Sources
 2. Damping Rings
 3. SCRF (Main Linac)
 4. BDS/MDI
 5. Beam Dynamics
 6. CFS
- **Conveners: TAG leaders + additional (to be announced)**
- **Strong focus on TDR planning**
 - TDR writing starts here!
 - See next slide
- **R&D status and progress also included**
- **Special session on TeV upgrade**
 - ultra-high SCRF gradient R&D
- **<http://physics.uoregon.edu/~lc/alcpag/>**
 - Registration Open – please register!



TDR Planning

- **ALCPG will begin to see the next step in establishing *and documenting* TDR baseline**
- **Next-Level Change Control process**
 - PM driven (internal)
- **Concept: small focused workshops to review baseline design**
 - Layout, parameters, R&D status (risk)
 - Address outstanding design decisions
 - Identify what's missing
- **Generate relevant design documents (and supporting documents)**
 - Structured into ILC-EDMS
- **Expect ~5 face-to-face meetings over 10-12 months**
 - starting with ALCPG
- **Goal: comprehensive baseline design for TDR established in ILC-EDMS engineering database by Spring 2012.**

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