

DR Session Introduction

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ILC10, Beijing
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Global Design Effort

- Plans for TDP after SB2009 and AAP review
 - Objectives and milestones for 2010 and for the end of TDP in 2012
- Plans for R&D and test facilities
 - Present status
 - Objectives and milestones for completion of the work
 - Final reports
 - Application to TD
- Damping ring Collaboration

- The SB2009 Proposal has been presented to the reviewers
- For the damping rings it foresees:
 - **3.2 km damping ring**
 - **1310 bunches**
 - **Same bunch distance and same current as the 6.4 km ring**

- *In the light of the recommendation to not commit to the low beam power option the **AAP recommends staying with 6 ns bunch distance and the full number of bunches**, consistent with the previous statement of the AAP in April 2009.*
- *The AAP would be pleased to see the demonstration that 3 ns operation is viable after the viability of the 6 ns operation has been established.*
- *The AAP observes that the requirements set above may be realized in a 3.2 km tunnel. **A cost/benefits analysis with up to four rings in a single tunnel as opposed to two rings in a 6.4 km tunnel should help determine the best configuration.***

- That containment of the capital cost (VALUE) estimate at the RDR level is a primary TD Phase 2 goal. Our design activity is now aimed at making the project more robust against possible (expected) unit cost increases.
- **To move forward with studies aimed at the possible adoption of the themes in SB2009 proposal**, but not necessarily the exact details.
- **To establish a formal process to make these changes to the baseline** in an open and transparent fashion, and where necessary after due process and consultation with all stakeholders.
- To pursue and introduce the baseline modifications in a stepwise fashion, as individual and independent change requests, via the above mentioned process (point 3).
- To present a schedule for the phased changes to the baseline via the formal change control process, **beginning in October 2010 and to be completed no later than mid 2011.**

- Plans for R&D and test facilities

Sunday 28, 9-10:30

- **R&D Status**

Sunday 28, 11-12:30

- **CesrTA**

Monday 29, 14-15:30

- **ATF/ATFII session (joint with BDS), including International Collaboration Board (closed)**

- Plans for TDP after SB2009 and AAP review

Saturday 27, 14-15:30

– **Lattice Session**

Saturday 27, 16-18:00

– **Double Repetition Rate Option (joint with BDS and sources)**

Sunday 28, 14-15:30

– **Electron Cloud Working Group**

Monday 29, 9-10:30

– **TDPII Organization and Plans + Baseline Decision**

	Saturday, 27 March	Sunday, 28 March	Monday, 29 March
9:00-10:30		R&D Status	TDPII Organization/Plans + Baseline Decision
11:00-12:30	DR Introduction/Overview	CesrTA	ATF/ATF2/ICB starting at 10:30
14:00-15:30	DR Lattices	EC Working Group	Damping Ring Collaboration
16:00-18:00	DR Double Rep Rate Options	(Continuation of R&D/EC Presentations/Discussions)	

Detailed agenda on Indico