



Damping Rings Working Group Plans for ILC08

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(on behalf of the Working Group Conveners)

ILC Damping Rings Collaboration WebEx
22 October 2008



DR Working Group Charge (1 & 2)

1. Review current status and schedule of CEsrTA, including simulation and experimental work for electron cloud characterisation/suppression and low-emittance tuning. Review the priorities of the various tasks, and update the plans for the future CEsrTA program.

2. Review ATF status and plans (4th Meeting of the ATF International Collaboration Board). Agenda:
 - Report of 5th and 6th ATF Technical Board Meetings (A. Wolski).
 - ATF Status Report (N. Terunuma).
 - ATF2 Status Report (T. Tauchi).
 - ICB Business (J.M. Paterson): recommendations for the activities and program at ATF/ATF2.



DR Working Group Charge (3)

3. Review recent progress with ILC damping rings R&D, particularly in regard to:

- critical risk-mitigating R&D, such as the fast injection/extraction kickers;
- machine design and cost reduction, including configuration issues related to the central injector (in joint discussion with CF&S and other related working groups).

Identify and prioritise future objectives and necessary resources.



DR Working Group Charge (4)

4. Prepare a plan for the remainder of the Technical Design Phase, including:
 - identification of goals to be achieved by the Accelerator Advisory Panel review in April 2009;
 - identification of studies needed to allow re-baselining of the ILC design by January 2010 (including studies of Minimum Machine options);
 - outline of studies to be completed (including specification of milestones and required resources) for the TD Phase 1 interim report, to be produced by July 2010.



DR Working Group Schedule

	8:30 – 10:00	10:30 – 12:00	13:30 – 15:30	16:00 – 18:00
Monday	CesrTA			Low-Emittance Tuning
	Status, Schedule and Recent Results	Electron Cloud Simulations	Electron Cloud Experimental Planning	
Tuesday	ATF International Collaboration Board 4	ILC Damping Rings R&D Updates and Discussions	Central Injector Layout (joint with CF&S and other WG)	
Wednesday	ILC Damping Rings R&D Updates and Discussions			Planning for the TDP (including Minimum Machine)



Contributions

- We welcome contributions on all aspects of the damping rings program:
 - **CesrTA**
 - **ATF**
 - **General damping rings R&D, including ILC and CLIC.**
- Please contact the conveners if you would like to make a presentation, or if you have any suggestions or comments on the program.