

# Damping Rings Working Group Plans for ILC08

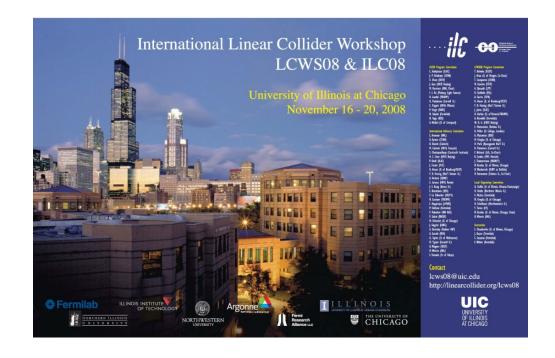
Andy Wolski
(on behalf of the Working Group Conveners)

ILC Damping Rings Collaboration WebEx
22 October 2008



#### Overview

- Sunday 16 to Thursday 20 November
  - Sunday and Thursday: plenaries
  - Monday, Tuesday, Wednesday: parallel Working Groups
- Damping Rings Working Group Conveners:
  - Mark Palmer
  - Junji Urakawa
  - Andy Wolski





#### DR Working Group Charge (1 & 2)

- 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 (4<sup>th</sup> Meeting of the ATF International Collaboration Board). Agenda:
  - Report of 5<sup>th</sup> and 6<sup>th</sup> 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)

- 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
	CesrTA			
Monday	Status, Schedule and Recent Results	Electron Cloud Simulations	Electron Cloud Experimental Planning	Low-Emittance Tuning
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.