Next Steps

ILD workshop, Seoul
Feb. 18, 2009

Hitoshi Yamamoto
For ILD JSB

IDAG Validation

IDAG review task

- Each member will focus on one LOI
- Members will task-share following topics

Benchmarking		Tracking	Calorimetry	MDI
Hewett	*Li*	*Nickerson*	*Green*	*Himel*
Davier	*Palestini*	*Danilov*	*Karlen*	*Toge*
Godbole	*Grannis*	*Elsen*	*Kobayashi*	*Kim*

IDAG Schedule

- 3rd IDAG meeting, TILC09, Tsukuba (Apr 17-21 '09)
  - Open presentation by each LOI group
  - Plenary session on push-pull
  - Interview of each LOI group

- 4th IDAG meeting, Orsay, Paris (Jun 22-23 '09)
  - Dedicated IDAG meeting
  - Detailed discussions in closed meetings with LOI groups

- 5th IDAG meeting, ALCPG, Albuquerque (Sep 29-Oct 3 '09)
  - Announce the validation report

ILD LOI Schedule

- March 15 ‘09
  - Deadline for all sections
- March 31, ‘09
  - LOI submission
- Afterward up to ALCPG, Albuquerque (Sep 29, ‘09)
  - Filling holes, polishing LOI
  - Answering IDAG
- End of DDP1 (Detector Design Phase 1)
  - An interim report is expected

Reminder: LOI content

- Guideline (ILCSC/RD)
  - **Philosophy, overall concept to address ILC physics**
  - **State of R&Ds and plans toward real detector**
  - **Group structure and resource needs**
  - **Cost**
- Additional items (IDAG)
  - **Machine background sensitivities**
  - **Calibration and alignment**
  - **Engineering (support, dead regions)**
  - **Push-pull**
  - **1 TeV design/implications**
  - **How detector was optimized**

Red: subdetector section

LOI writing/reviewing

- Reviewers
  - **ILD Philosophy: Timmerman, Savoy-Navarro**
  - **Cost/schedule: Brient**
  - **ILD group: Winter,Yamamoto**
  - **R&D plan: Sefkow**
  - **Reviewers for other sections to be assigned**

- Reviewers should check
  - **Integrity of content**
  - **Is it answering IDAG questions?**
  - **Consistency with other sections**
    - **Esp. Physics/optimization, MDI/integration, Cost**

Authors&Reviewers should work together to complete the section by March 15.

Reviewers

- **Optimization/Physics (overall)**
- **Silicon trackers**
- **TPC**
- **Calorimeters**
- **FCAL**
- **DAQ**
- **Muon**
- **MDI/integration/coil&yoke**