



Preparations for the SiD Workshop at Fermilab

SiD Advisory Meeting
February 26, 2007

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Workshop Goals

- Workshop webpage can be found at <http://ilc.fnal.gov/detector/rd/sid/sid07.htm>
 - Registration is unfortunately just be email

- The primary goals of the workshop are:
 - To review the status of SiD software tools
 - Define the SiD R&D plans
 - Discuss the necessary steps to work towards the SiD Conceptual Design Report

- In addition, there are two major detector reviews coming up in the near future:
 - Review of Calorimetry at LCWS07 (DESY)
 - Review of Vertex Detector Technologies at ALCPG07 (Fermilab)



Workshop Format

- As such, we propose to forego the usual long “status reports”, but instead focus on the work to be done
 - From each group hear what they want to accomplish within the next 6-12 months
 - Indicate what resources would be needed to reach the goals
 - Each group defines their 12-month R&D plan with definite milestones
 - Each group try to address how other groups could get involved into their R&D program
 - Which groups do we court ?
 - Program should be tailored such that new groups who attend the workshop find it easy to identify areas where they could contribute
 - From the vertex and calorimeter groups hear how they are going to prepare for the Damerell review

- Have session of more general nature
 - WWS roadmap talk
 - Jim/Harry on funding for SiD R&D and how we should react
 - Long term test beam plans at Fermilab
 - What is the timescale for SiD critical decisions on technology? How do we decide?
 - Devil's advocate talk on dumping PFA
 - What physics benchmarking topics are SiD's highest priority that allows optimization of critical detector parameters at the same time



Workshop Schedule

- Monday afternoon: parallel sessions
 - Can hear status reports from major subsystems
 - Suggest three parallel sessions
 - Tracking and Vertexing
 - Calorimetry
 - Software Tools

- Tuesday: full day of plenary to address each groups R&D goals for the next 6-12 months and how these goals will be accomplished

- Wednesday: talks of more general nature and outline of each groups' working plan for the next year