

# Keynote Workshop Charge

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ILD Software Workshop

# History towards ILD SW workshop

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- Cambridge (Sep., '08)
  - ◆ Agreed to postpone the work to merge GLD and LDC tools by the completion of LOI and use LDC tools for the LOI study.
  - ◆ Agreed to organize the software management meeting regularly.
- At 3<sup>rd</sup> ILD workshop( Ewha, Feb.), a software group meeting was held. In the meeting, during the discussion towards completion of LOI studies, we agreed to held a workshop to discuss software after LOI issues in detail.
- After 3<sup>rd</sup> ILD workshop, Frank and Steve, visited KEK and
  - ◆ start to discuss issues for merging GLD and LDC tools
  - ◆ agreed to collect more user's point of view to this discussion

# Boundary conditions

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- Where we are now.
  - ◆ ILD LOI is submitted. IDAG will validate LOI.  
The result will be presented in ALCPG Sep. '09.
  - ◆ ILD TDP-1 by Summer 2010, TDP-2 by 2012.
  
- It is time to re-define our strategy.
  - ◆ Identify subjects which should be included in LOI but was not.  
Be prepared for requests from IDAG.
  - ◆ Identify subjects which should be studied by TDP1/TDP2.  
Make our software tools ready to studies required.
  - ◆ Develop strategy to merge LDC and GLD software tools.

*Short term issue vs Longer term issue*

# Topics today

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## ■ Topics

- ◆ Overview of existing tools : LDC , GLD
- ◆ User's point view: from EU, Asia and beamtest users
- ◆ Special discussion on tracking software

## ■ Subjects to be discussed ( receive user requests )

- ★ simulator update ★ background ★ crossing angle ★ LCFIvertex
- ★ DST format ★ vertex reconstruction ★ Mass production - plan and how

## ■ Expert discussion ( how to implement requests )

- ◆ Develop solutions: short time & long term
- ◆ who does what
- ◆ LCIO vs ROOT: How to keep harmony

*To speakers: leave a half of allocated time for discussion  
Discussion /Exchange idea is the main purpose of today*