



Close-out

not a summary

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## Workshop in Boulder 2008

Excellent location to have a workshop

If you can stay here for  
3 days in a row

Thank our hosts and whoever else contributed for their hospitality.

It was somewhat painful before the workshop ( agenda etc...)

Workshop went very well, weather was beautiful and reception  
and dinner were excellent (I hear....).

Largest cookies I  
have ever had

Thanks to our  
hosts, especially:

Uriel Nauenberg

Tera Dunn

Jack Gill

Others we did not see every day/all day



## Engineering Day; Tuesday

Only attended about 50%

Obviously very useful

Excellent to see engineering issues discussed

Relevance to detector design and performance

Extremely valuable contribution to LOI and beyond



- KEEP DEVELOPING SiD: THE TECHNOLOGIES, THE SIMULATIONS AND A TECHNICAL DESIGN THAT WILL MEET THE SCIENTIFIC GOALS
- Expand SiD into a more balanced global collaboration.
- The LOI process is critical for the accelerator design, because of the very close coupling of the machine and detectors. We need to work with experimentalists!
- The LOI process is crucial to developing detectors that will meet the very challenging ILC performance goals.
- *The DoE (NSF) need to be convinced why they should support the LOI process !!*

“I liked it”



## Wednesday: Funding

Outlook not too rosy, but also not totally bleak...

NSF ( Marv): encourages collaborative & managed proposals  
"send us proposals"

DOE (Howard): Grounded in reality of upcoming CR  
Some light after that

Upcoming "Lab Detector R&D" fest an  
opportunity and see how much R&D driven  
by/towards LC

Visit to SLUO raised visibility of our cause more

THANK YOU for coming & staying !!

Impressed

## Plans for the LOI

Editors: Phil Burrows, Mark Oreglia, Hiro Aihara

later

- **November 15, 2008:** Deadline for subsystem/subgroups to provide reports, and addressing IDAG questions.
- **December 15:** : Deadline for first pass of physics benchmarking chapter. Editors to have given feedback on subsystem sections.
- **January 15 (SiD workshop?),** Revised subsystem sections that meet LOI length requirements. Editors will then work on combining material coherently.
- **February 15, 2009:** Complete draft LOI available for collaboration review.
- **March 15:** Final draft ready.
- **March 31:** Submission of LOI to Research Director.



## General suggestions

Oversight of detector parameters: Need Change Control Process

Need small group ( Engineering, Simulation)

Time scale for LOI validation as currently indicated by  
RD is not acceptable

SiD in limbo for long time .....forever?

Documents depository: use ILC one & GDE support to adopt to SiD

Protect our internal documents ?? Talks & documents

Proposal: Workshop ~beginning of Feb 2009 at SLAC ?



Thursday

Drawing a blank.....

Lobbying at SLAC





## Friday

Tried to keep a summary of all the presentations today, but no use summarizing what you just heard.....

It is good to see the progress that has been made and plans that are being put in place in SiD towards the LOI by all groups.

We obviously have a way to go but:

We are on our way and this workshop was a big positive step towards the LOI

## Summary

A lot of  
progress:

Engineering  
PFA  
Tracking algorithms  
Benchmarking  
Planning for LOI  
LOI work/progress  
Many others

Good to have visitors: DoE, GDE & NSF

Workshop very useful and as usual a  
lot of progress is made.

Thanks to everybody for coming & contributing

Thanks to Colorado group again

Have a good trip home



THE END