

Towards a SiD LOI

- Mark Oreglia, SiD ADVIS meeting, 11 June 2007

At LCWS07 the WWS-OC decided a *Research Director* should be found:

- Should have authority to get things done
- Will work with *IDAG* advisory group
- Will devise criteria for LOI to be announced this summer
- Will help concept groups if necessary... LOI's due summer 2008

WWS-OC felt the LOI's do not need to be much more than existing DOD...

- Signatories something of an issue...some wanted a legal commitment...not feasible. This does mean that at the very least the guideline will be that signing represents a commitment of major time
- It will be tricky to put labs and university groups on equal footing

My own opinions on what SiD should do to polish up the DOD:

- Another pass at the figures and references
- Show progress in subsystem technologies
- Prove the need for HCAL resolution in better integrated physics studies
- List resources and a roadmap for preparing the EDR
 - o Need to show decision processes, especially wrt testbeam studies
 - o Delineate R&D and funds needed
 - o Need to address R&D Panel review criticisms
- Create matrix of subsystem options versus who is doing the SiD implementation studies
 - o Show flexibility to changing some subsystem choices later

The sticky & confusing point will be addressing R&D Panel criticisms ... Maybe we don't have to in the LOI, but it will be useful if we provide the Research Director with options rather than letting him/her direct us to change/merge.