What Is Next for SiD ?

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SiD workplan revision for ILC

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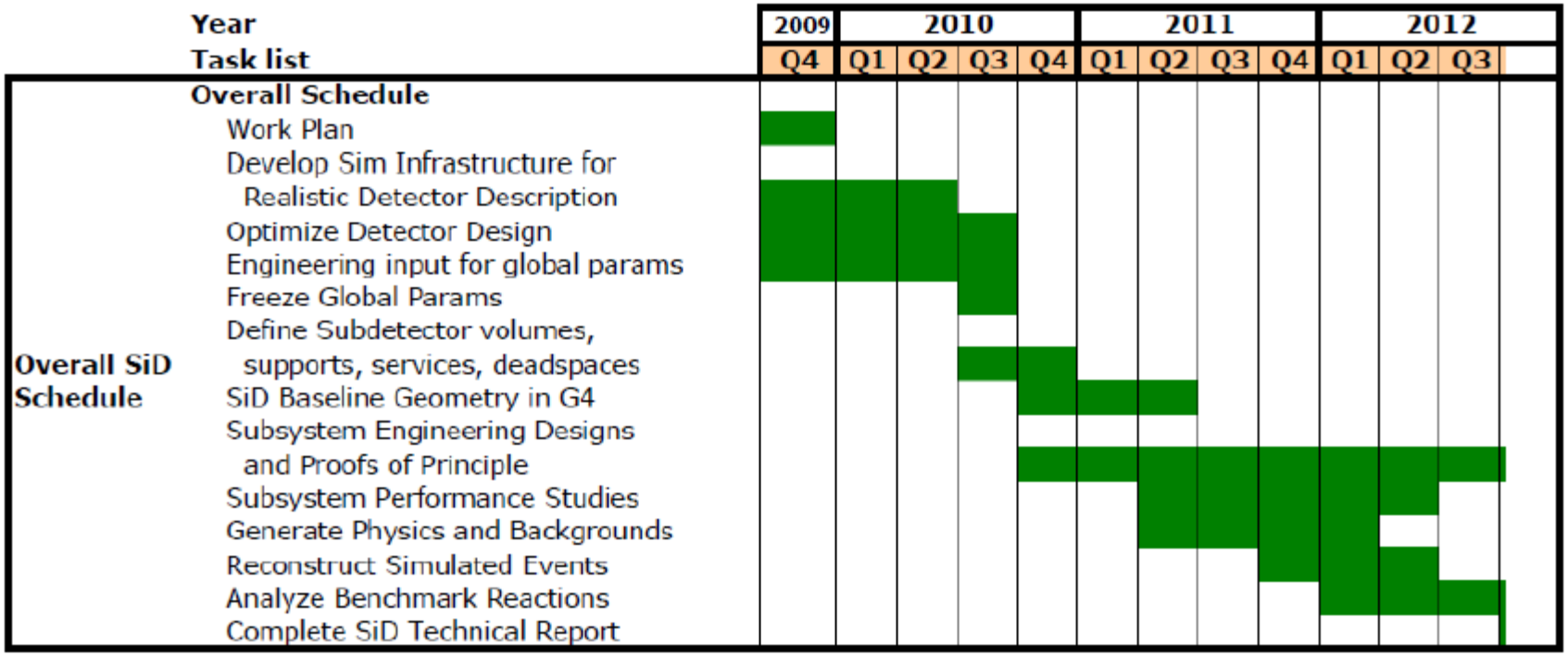
Quite a bit of detail in subsystems; not all presented in submitted document



Resulted from many subsystem spreadsheets

SiD workplan submitted

Resources required to execute the plan for DBD by end of 2012

Appendix II: Resources required and available.

Version 0.6 10/23/09

		SiD all	2010 Need	2010 Have	2011 Need	2011 Have	2012 Need	2012 Have
Summary	SiD all	Staff	18.7	11.7	19.0	11.1	18.5	10.3
		Postdoc	16.0	4.5	19.0	3.5	19.5	3.5
		Engineering	16.0	7.9	16.0	7.8	13.5	6.8
		Student	2.0	2.0	1.5	1.5	1.0	1.0
		M&S(k$)	1450.0	778.0	1270.0	453.0	1075.0	453.0

In general a shortage of manpower to do this
Roughly a factor 2.

Observations:

Presented this to IDAG yesterday
Questions about: What will SiD do; are there technical limitations in R&D; what are priorities?

Need to add students (Question at IDAG yesterday).

Workplan at IDAG @LCWS10

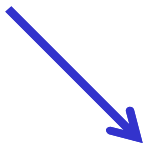
Observations & feedback:

Good progress and continued progress in R&D (A.White talk last Thursday)

Letter to RD ~month ago outlining difficulty being able to accomplish goal of DRD
Presented at IDAG yesterday
Concern about whether SiD can accomplish DBD by end 2012.

Discussion about what goal is of DBD?
What is message to be sent by DBD?

Given resources available SiD needs to come up with plan for DBD by end of 2012



One item for SiD workshop June 2010

Questions from IDAG/discussion

What will you do if there is not enough manpower ?

Will you pick baseline solutions for subsystems by 2012?

Are you technically limited to complete the R&D goals?

What is the message that DBD 2012 will/should transmit?

What is the interaction with CLIC?
How much interaction with CLIC ?
How much effort to CLIC ?

The time plan for next few years

My opinion: Need to take into consideration needs of ILC and CLIC

Reminder of time-line:

June 2010: SiD workshop

October 2010: ECFA LC workshop @ CERN

Spring 2011: CLIC CDR due

End 2012: ILC DBD due

How can we work together on SiD versions for ILC and CLIC and benefit from work on both ?

Example: push pull for CLIC use for ILC ??

Time plan for next few years

What happens to both ILC and CLIC efforts after 2012?

For CLIC: what after mid 2011 ?

SiD workshop June 2010

3-5 June 2010 At Argonne National Lab.
http://www.hep.anl.gov/Division/SiD_Workshop.php

Purpose: The Workshop will focus on progress towards preparing the SiD CDR for ILC for the end of 2012 and contributions to the CLIC CDR to be completed by April 2011. In particular, the status of both directions will be presented and discussed, there will be plenty of opportunity for presenting ongoing R&D efforts, progress on PFAs, simulation of subsystems and integrated detector performance, benchmarking as well as review of plans for the next two years.

Draft outline of agenda:

	Morning	Afternoon
June 3	Status & Overviews	Detailed reports/progress
June 4	Detailed reports/progress	CLIC progress
June 5	Future & outlook	Future & outlook

Summary

Discussion…..