

Charge to the Workshop

Akiya Miyamoto

6-July-2010

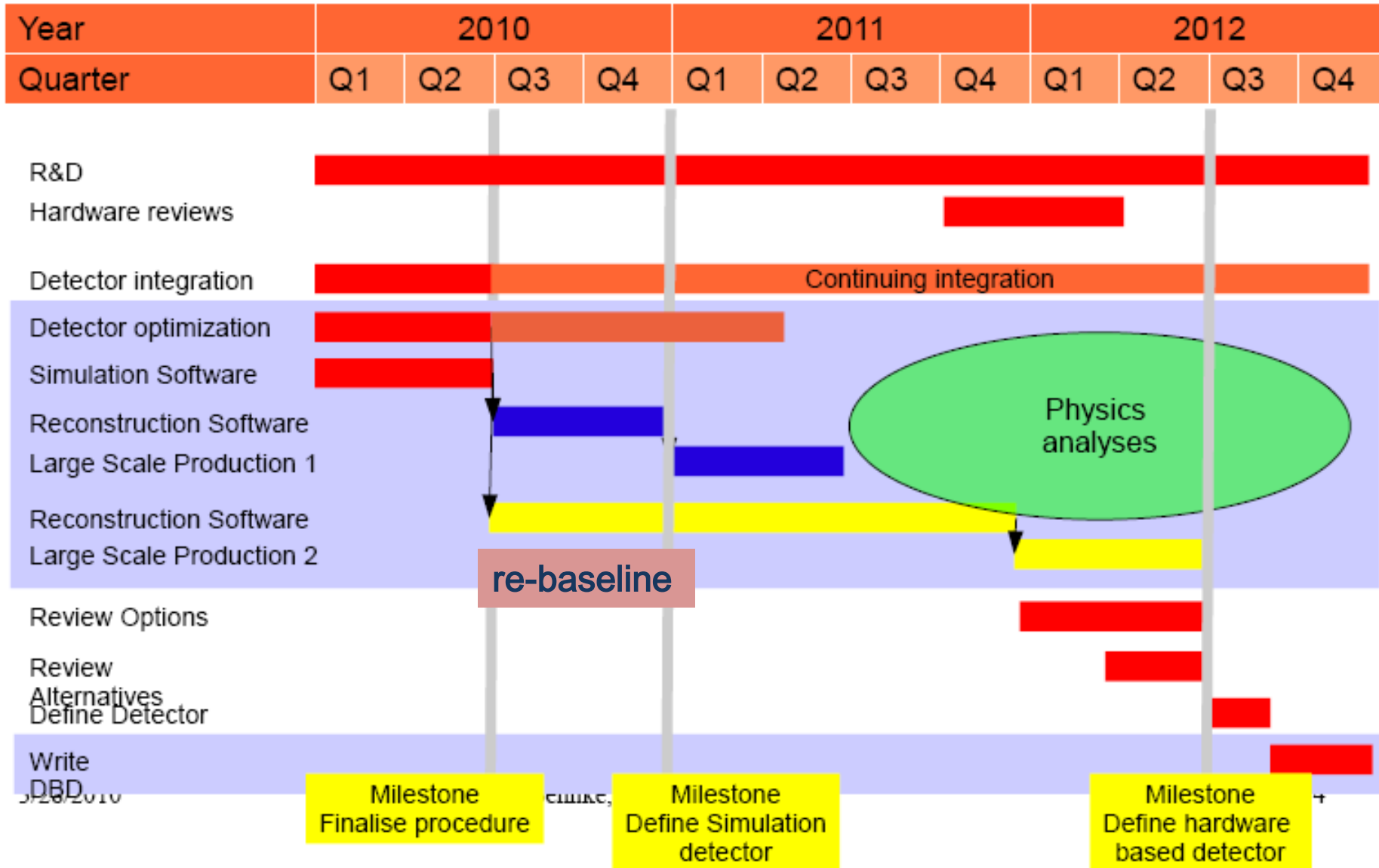
DESY

ILD software workshop

Task of ILD Software WG

- Workshops and (Pre-)Meetings since the submission of LOI last year.
 - ◆ TILC09 (April 2009), ALCPG09(Oct. 2009), ILDWS(Jan. 2010), LCWS2010(Mar. 2010).
- Towards DBD by 2012
- RD's request
 - ◆ Develop a simulation model including faults and limitation
 - ◆ Simulate and analyze updated benchmark processes incl. 1 TeV.

Main Milestones



Goal of the Workshop

■ Simulation

- ◆ Increase realism of sub-detector drivers and add alternatives/options
 - according to reports from sub-group contacts in mid. March, most of them are aiming to deliver improvements by this summer(Now)
 - New ILD integration WG has been formed to address issues related to services/cables.
- ➔ Review status of improved drivers and options/alternatives. Readiness and scheduling for the next step.

■ Reconstruction/Analysis/Core tools

- ◆ Improved drivers needs improved reconstruction tools
- ➔ Review status of tools and news/updates of tools

■ MC Production

- ➔ Review status of tools and news/updates of tools

Workshop program

■ Status of software tools

- ◆ core
- ◆ reconstruction
- ◆ analysis and optimization

6-July

■ Status of detector simulation

- ◆ increased level of realism
- ◆ services in simulation

7-July Morning

■ Integration issues

- ◆ real estates and no-go holes
- ◆ services
- ◆ push-pull

7-July Afternoon

■ Monte Carlo production

- ◆ Benchmark reactions
- ◆ SB2009
- ◆ ILD roadmap for DBD

8-July

*Very busy program, but please leave enough time for discussion
Let's have a fruitful workshop*