

# Goals for the meeting at SLAC in October

DGWWG meeting, 1 September 2009  
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## timeline for intermediate milestones

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- ▶ SVT/DCH radius
  - ▶ performance study completed
  - ▶ the missing piece is the machine background rate
- ▶ SVT internal geometry
  - ▶ preliminary conclusion in October
- ▶ fwd PID/fwd EMC/DCH length
  - ▶ in October results on >1 benchmark channels
  - ▶ consolidated results in December
- ▶ bwd EMC
  - ▶ preliminary result for  $B \rightarrow \tau \nu$  (main bkg sources) and  $B \rightarrow K^{(*)} \nu \nu$  in October
  - ▶ consolidated results in December
- ▶ IFR
  - ▶ work in progress on Geant4 simulation to arrive in September with an approximate estimate of the amount of scintillator to order
  - ▶ refined work the following months

*presented at the  
tech. board in Perugia,  
20 June 09*

## tentative schedule

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item	when
tracking studies with updated b.p. and L0 configuration	July/September
optimization of internal SVT geom.	meeting in October
IP shifted by +20cm (change nominal baseline?)	July
tracking performance vs. DCH length	July/September
implementation of non-cylindrical DCH	September
background at the DCM	prel. study for October?
tune realistic dE/dx response	July/September
development of selectors using DIRC, fwd PID, dE/dx	July/September
test of particle Id without fwd PID on B→Knn, BReco had/SL (options A,D)	meeting in October
evaluation of degradation of fwd EMC performance due to material	September
evaluation of EMC degradation effects at barrel/endcap transition	prel. results end of July
comparisons of fwd PID+fwd EMC options on set of bench. channels (options B,C)	prel. results in October
review of bwd EMC description in FastSim	July
B→tau nu vs. bwd EMC with more complete set of bkg	meeting in October
B→Knunu vs. bwd EMC	meeting in October
Evaluation of impact on tracking and PID vs. DCH length in the back	September