



Meeting Goals



Marcello A. Giorgi
Università di Pisa & INFN Pisa

5th SuperB Collaboration Meeting
Pisa September 19, 2012

ESG documents in alfresco

SuperB Physics Programme

On the behalf of the SuperB Collaboration

- I Introduction
- II B and D decays
 - A Rare B decays
 - B Rare D decays
 - C CKM elements
 - D CP violation in B decays
 - E CP violation in D decays
 - F Other symmetry tests
 - G Charm mixing
 - H B physics at the $(5S)$
- III tau physics at SuperB
 - A Lepton flavor violation in tau decay
 - B CP violation in tau decay
 - C Measurement of the tau $g-2$ and EDM form factors
- IV SuperB Neutral Current Electroweak Physics Programme
- V Exotic Spectroscopy in SuperB
- VI Direct searches
 - A Dark matter searches
 - B Dark forces
- VII Executive Summary
- References

• <https://superb-af.infn.it:5210/alfresco/d/a/workspace/SpacesStore/7650b097-7e73-4ee9-a732-fb4d8245157d/ESG2012-Physics.pdf>

ESG documents in alfresco

Opportunities Offered by the SuperB Detector Development

The Super*B* Collaboration*

-  1 Introduction
-  2 Detector design description
-  3 Detector R&D activities
-  4 Opportunities

<https://superb-af.infn.it:5210/alfresco/d/d/workspace/SpacesStore/1aec8f75-75a3-48db-a8e6-99eed65daf27/ESG2012-Detector.pdf>

ESG documents

Thanks to the editors and to the contributors !

They are both nice documents that I consider useful for all the collaboration .

These documents are short descriptions, one of the SuperB programme, of the other of the SuperB detector and the related R&D and can be useful for syntetic information of the various funding agencies.

The meeting agenda



All Plenary Sessions will be held in Aula G (Bldg B)



SuperB Collaboration Meeting
Pisa University and INFN
September 19 - 22, 2012
AGENDA

Wednesday, September 19		Thursday, September 20		Friday, September 21		Saturday, September 22	
8:30	CLOSED MEETINGS	8:30	PARALLEL 2	8:30	PARALLEL 6	8:30	CLOSED MEETINGS
250	Technical Board (restricted)	131 248 250 230 133	SVT DCH PID EMC IFR	131 230	ETD 2 COMP + BKGND (Fullsim)	250	Technical Board TDR Editorial Board (restricted)
10:30	Coffee Break and Registration	10:30	Coffee Break	10:30	Coffee Break	10:30	Coffee Break
11:00	CLOSED MEETINGS	11:00	PARALLEL 3	11:00	PARALLEL 7	11:00	CLOSED MEETINGS
250	Technical Board (restricted)	131 248 250 230 133	SVT DCH PID EMC IFR	131 250	ETD 3 Integration	250	Technical Board TDR Editorial Board (restricted)
13:00	Lunch and Registration	13:00	Lunch	13:00	Lunch	13:00	Adjourn
14:00	PLENARY 1	14:00	PARALLEL 4	14:00	PLENARY 2	14:00	
10'	Introduction and Status	131	ETD 1	30'	Accel and Cabibbo Lab Status		
20'	Welcome	250	MDI/Backgrounds	30'	Accel Status (A. Variola - phone)		
20'	Meeting Goals (M. Giorgi)	230	COMP: R&D	20'	Cabibbo Lab Status (M. Giorgi)		
20'	Physics (A. Bevan)			20'	Integr, Inst, IR Hall Summary		
20'	Computing (F. Bianchi)			15'	MDI Summary		
20'	Detector (F. Forti)				Comp Summary		
16:00	Coffee Break and Registration	16:00	Lunch	16:00	Lunch	16:00	Adjourn
16:30	PARALLEL 1	16:30	PARALLEL 5	16:30	PLENARY 3	16:30	
131 248 250 230 133 241	SVT DCH PID EMC IFR 17:30-19:30 - Ex Bd (restricted)	250 230 131	MDI/Backgrounds COMP: Distributed Comp 17:30-19:30 - COUNCIL	15' 15' 15' 15' 15' 20'	Summaries SVT DCH PID EMC IFR ETD Council and Exec Board Report		
18:30		18:30 20:00	Social Dinner	18:30		18:30	

The meeting agenda



All Plenary Sessions will be held in Aula G (Bldg B)



SuperB Collaboration Meeting
Pisa University and INFN
September 19 - 22, 2012
AGENDA

Wednesday, September 19		Thursday, September 20		Friday, September 21		Saturday, September 22	
8:30	CLOSED MEETINGS	8:30	PARALLEL 2	8:30	PARALLEL 6	8:30	CLOSED MEETINGS
250	Technical Board <i>(restricted)</i>	131 248 250 230 133	SVT DCH PID EMC IFR	131 230	ETD 2 COMP + BKGND (Fullsim)	250	Technical Board TDR Editorial Board <i>(restricted)</i>
10:30	Coffee Break and Registration	10:30	Coffee Break	10:30	Coffee Break	10:30	Coffee Break
11:00	CLOSED MEETINGS	11:00	PARALLEL 3	11:00	PARALLEL 7	11:00	CLOSED MEETINGS
250	Technical Board <i>(restricted)</i>	131 248 250 230 133	SVT DCH PID EMC IFR	131 250	ETD 3 Integration	250	Technical Board TDR Editorial Board <i>(restricted)</i>
13:00	Lunch and Registration	13:00	Lunch	13:00	Lunch	13:00	Adjourn
14:00	PLENARY 1	14:00	PARALLEL 4	14:00	PLENARY 2	14:00	
10'	Introduction and Status	131	ETD 1	30'	Accel and Cabibbo Lab Status		
20'	Welcome	250	MDI/Backgrounds	30'	Accel Status (<i>A. Variola - phone</i>)		
20'	Meeting Goals (<i>M. Giorgi</i>)	230	COMP: R&D	20'	Cabibbo Lab Status (<i>M. Giorgi</i>)		
20'	Physics (<i>A. Bevan</i>)			20'	Integr, Inst, IR Hall Summary		
20'	Computing (<i>F. Bianchi</i>)			20'	MDI Summary		
20'	Detector (<i>F. Forti</i>)			15'	Comp Summary		
16:00	Coffee Break and Registration	16:00	Lunch	16:00	Lunch	16:00	Adjourn
16:30	PARALLEL 1	16:30	PARALLEL 5	16:30	PLENARY 3	16:30	
131 248 250 230 133 241	SVT DCH PID EMC IFR 17:30-19:30 - Ex Bd (<i>restricted</i>)	250 230	MDI/Backgrounds COMP: Distributed Comp	15' 15' 15' 15' 15' 20'	Summaries SVT DCH PID EMC IFR ETD Council and Exec Board Report		
18:30		18:30		18:30		18:30	
		20:00	Social Dinner				

Council

The council meeting will face the important issue of preparing the full list of names to serve in the Spokesperson nominating committee.

Probably a vote by e-mail would be needed for setting the committee.

The meeting agenda



All Plenary Sessions will be held in Aula G (Bldg B)



SuperB Collaboration Meeting
Pisa University and INFN
September 19 - 22, 2012
AGENDA

Wednesday, September 19		Thursday, September 20		Friday, September 21		Saturday, September 22	
8:30	CLOSED MEETINGS	8:30	PARALLEL 2	8:30	PARALLEL 6	8:30	CLOSED MEETINGS
250	Technical Board (restricted)	131 248 250 230 133	SVT DCH PID EMC IFR	131 230	ETD 2 COMP + BKGND (Fullsim)	250	Technical Board TDR Editorial Board (restricted)
10:30	Coffee Break and Registration	10:30	Coffee Break	10:30	Coffee Break	10:30	Coffee Break
11:00	CLOSED MEETINGS	11:00	PARALLEL 3	11:00	PARALLEL 7	11:00	CLOSED MEETINGS
250	Technical Board (restricted)	131 248 250 230 133	SVT DCH PID EMC IFR	131 250	ETD 3 Integration	250	Technical Board TDR Editorial Board (restricted)
13:00	Lunch and Registration	13:00	Lunch	13:00	Lunch	13:00	Adjourn
14:00	PLENARY 1	14:00	PARALLEL 4	14:00	PLENARY 2	14:00	
10'	Introduction and Status	131	ETD 1	30'	Accel and Cabibbo Lab Status		
20'	Welcome	250	MDI/Backgrounds	30'	Accel Status (A. Variola - phone)		
20'	Meeting Goals (M. Giorgi)	230	COMP: R&D	20'	Cabibbo Lab Status (M. Giorgi)		
20'	Physics (A. Bevan)			20'	Integr, Inst, IR Hall Summary		
20'	Computing (F. Bianchi)			15'	MDI Summary		
20'	Detector (F. Forti)				Comp Summary		
16:00	Coffee Break and Registration	16:00	Lunch	16:00	Lunch	16:00	Adjourn
16:30	PARALLEL 1	16:30	PARALLEL 5	16:30	PLENARY 3	16:30	
131	SVT	250	MDI/Backgrounds	15'	Summaries		
248	DCH	230	COMP: Distributed Comp	15'	SVT		
250	PID			15'	DCH		
230	EMC			15'	PID		
133	IFR			15'	EMC		
241	17:30-19:30 - Ex Bd (restricted)	131	17:30-19:30 - COUNCIL	15'	IFR		
				15'	ETD		
				20'	Council and Exec Board Report		
18:30		18:30		18:30		18:30	
		20:00	Social Dinner				

Social Dinner tomorrow @ 8 pm



The meeting agenda



All Plenary Sessions will be held in Aula G (Bldg B)



SuperB Collaboration Meeting
Pisa University and INFN
September 19 - 22, 2012
AGENDA

Wednesday, September 19		Thursday, September 20		Friday, September 21		Saturday, September 22	
8:30	CLOSED MEETINGS	8:30	PARALLEL 2	8:30	PARALLEL 6	8:30	CLOSED MEETINGS
250	Technical Board (restricted)	131 248 250 230 133	SVT DCH PID EMC IFR	131 230	ETD 2 COMP + BKGND (Fullsim)	250	Technical Board TDR Editorial Board (restricted)
10:30	Coffee Break and Registration	10:30	Coffee Break	10:30	Coffee Break	10:30	Coffee Break
11:00	CLOSED MEETINGS	11:00	PARALLEL 3	11:00	PARALLEL 7	11:00	CLOSED MEETINGS
250	Technical Board (restricted)	131 248 250 230 133	SVT DCH PID EMC IFR	131 250	ETD 3 Integration	250	Technical Board TDR Editorial Board (restricted)
13:00	Lunch and Registration	13:00	Lunch	13:00	Lunch	13:00	Adjourn
14:00	PLENARY 1	14:00	PARALLEL 4	14:00	PLENARY 2	14:00	
10'	Introduction and Status	131	ETD 1	30'	Accel and Cabibbo Lab Status		
20'	Welcome	250	MDI/Backgrounds	30'	Accel Status (A. Variola - phone)		
20'	Meeting Goals (M. Giorgi)	230	COMP: R&D	20'	Cabibbo Lab Status (M. Giorgi)		
20'	Physics (A. Bevan)			20'	Integr, Inst, IR Hall Summary		
20'	Computing (F. Bianchi)			15'	MDI Summary		
20'	Detector (F. Forti)				Comp Summary		
16:00	Coffee Break and Registration	16:00	Lunch	16:00	Lunch	16:00	Adjourn
16:30	PARALLEL 1	16:30	PARALLEL 5	16:30	PLENARY 3	16:30	
131	SVT	250	MDI/Backgrounds	15'	Summaries		
248	DCH	230	COMP: Distributed Comp	15'	SVT		
250	PID			15'	DCH		
230	EMC			15'	PID		
133	IFR			15'	EMC		
241	17:30-19:30 - Ex Bd (restricted)	131	17:30-19:30 - COUNCIL	15'	IFR		
				15'	ETD		
				20'	Council and Exec Board Report		
18:30		18:30		18:30		18:30	
		20:00	Social Dinner				

Tech Board for TDR Editing

- The real goal of this meeting is to converge on the TDR editing.
A lot of work has been done already by the individual systems.
The editorial board will be formed.
The sessions of Saturday 22 will be devoted to TDR, but essentially all the activity in the parallel session is also focussed on this issue.

Concerning the schedule

We will learn from Alessandro Variola this coming Friday about the important progress in the formation of the accelerator community and we will be updated about the accelerator technical aspects.

The final schedule for the accelerator is almost frozen, together with the dates of completion and for the startup of collisions.

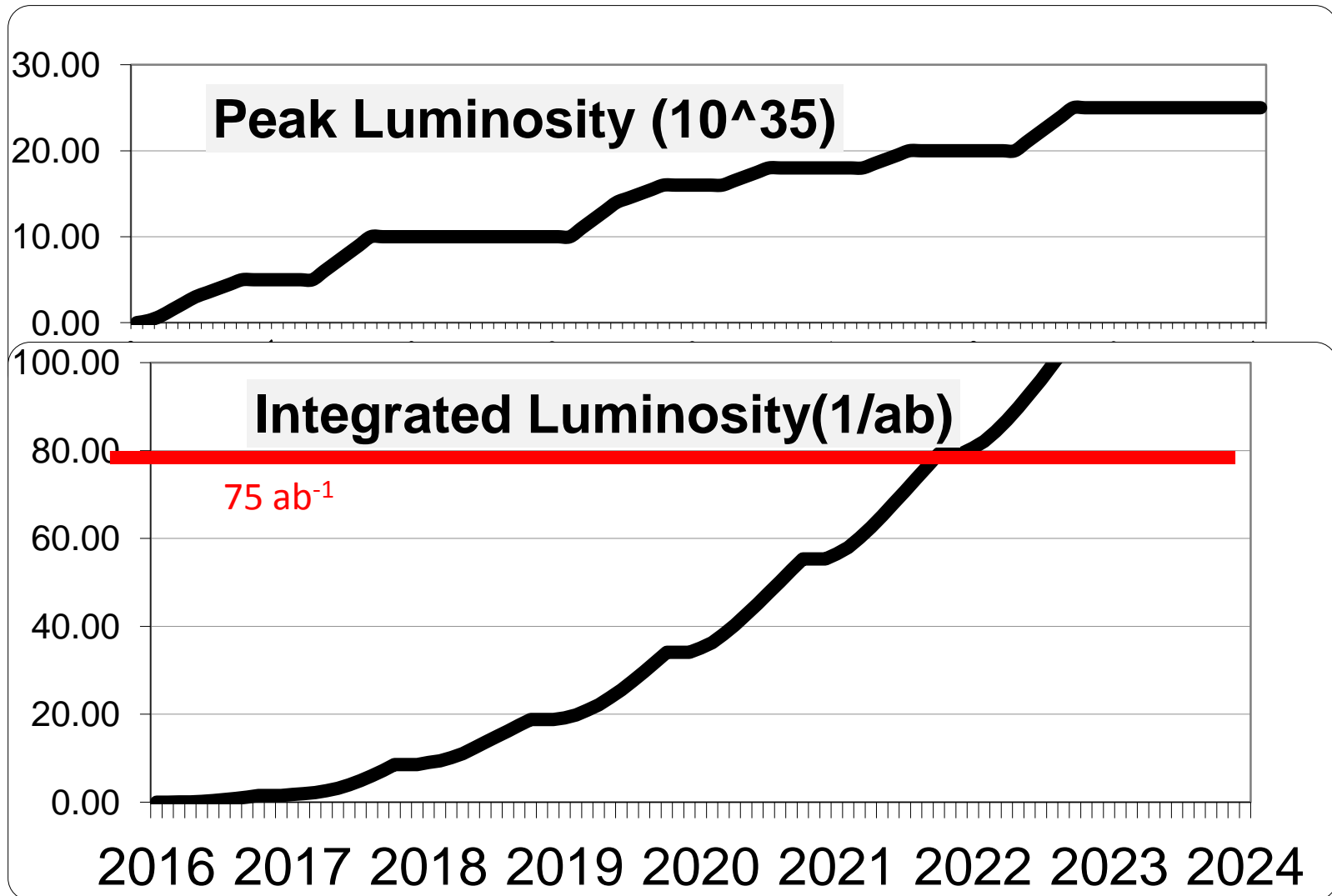
It is clear that the machine commissioning should be done also with the detector solenoid and the iron of the flux return installed in the interaction region.

It is the same choice as for BelleII.

Tech Board has been alerted and it is taking care of the issue.

A solution should be found to minimize the time between machine completion and the start of data taking

A recent but obsolete slide of the SuperB Luminosity model



A recent but obsolete slide of the SuperB Luminosity model

