



Meeting goals



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4th Collaboration & General Meeting
La Biodola June 1, 2012

After March Meeting

Back again after one year in ELBA.

This meeting is devoted to:

- Consolidation of SuperB Collaboration
- Physics activity in preparation of the open symposium in Krakow, Poland, from Sept. 10-13, 2012, to update the European Strategy for Particle Physics.
- Activity to complete TDR on physics, detector, computing.
- Very little on accelerator

This Week

As you know the accelerator and technical departments are fully immersed in the preparation of documents on detailed and fully inclusive evaluation of costs for accelerator site and infrastructure as requested by the Ministry of Education, University and Scientific Research.

The technical activity in this period is reduced , so at this meeting there will be a design update and a presentation on the accelerator structure next Monday 4.

Roberto will also present the status of the Cabibbolab.

08:30->10:30 **Plenary 3: Accelerator Summaries (Sala Maria Luisa)** [EVO meeting URL:](#)

[EVO meeting information](#)

08:30 Accelerator Design (30')

09:00 MDI, IR and Backgrounds (30')

09:30 Accelerator Organization (30')

10:00 Cabibbo Lab Status (30')

Eugenio Paoloni (PI)

Roberto Petronzio (RM2)

After March

EXEC BOARD of SuperB set up

Italy:

G. Batignani (Univ. of Pisa and INFN)
R. Calabrese (Ferrara Univ. and INFN)
L. Lanceri (Trieste Univ. and INFN)
P. Lubrano (INFN - Perugia)
N. Mazziotta (Univ. of Bari and INFN)
C. Sciacca (Univ. of Naples and INFN)

Canada: M. Roney (Univ. of Victoria)

France: A. Stocchi (LAL)

Poland: T. Lesiak (INP- Krakow)

Russia: V. Druzhinin (Budker Institute - BINP)

UK: A. Bevan (Queen Mary Univ.)

USA: H. Jawahery (Univ. of Maryland)

The Chair of the Board was elected: Pasquale Lubrano

Completion of Exec Board

Ex officio members of the Exec Board until the Spokesperson and the Technical Coordinator will be appointed are the two Detector Coordinators (Blair and Francesco).

One ex-officio member of the Executive Board designated by the Lab to guarantee bi-directional interaction between Community and laboratory Management.

Cabibbolab has designated M.G. as the Lab representative .

Another step moving from the previous structure made of a Steering Committee a TDR Project Office, a Project Board toward a “normal status of an experiment collaboration.

After March

Last march the organization of the infrastructure area made of two departments:

Accelerator Department and Technical Department was shown by the DG Roberto Petronzio.

Now we have a similar organization for the Research Area:

Experimental Physics Department

Information Technology and Modeling Department

I have proposed as leaders Francesco Forti and Mauro Morandin.

They have accepted.

We expect soon the official appointment by the Assembly of the CabibboLab Consortium.

After March

I have presented yesterday in a short meeting of the Exec Board the above scheme and I collected positive reactions.

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Collaboration Committees active

Membership Committee: Chris Hearty Chair

Speaker's Bureau : After Popat Patel , Guy Wormser is the Chair and strongly active.

The presence of SuperB'ers in all the major conferences and workshops is ensured.

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After March Joint Integration Group

I proposed at the 3rd Collaboration Meeting of Frascati the formation of a joint Group between the experiment collaboration and the CabibboLab to address and solve common technical problems .

We had a meeting (FORUM), now we go to the organization phase.

I consulted with Walter Scandale , Alessandro Variola and Claudio Sanelli.

Then with the Superb Executive Board.

The Joint Integration Group Goals

- Facilitate and solve problems related to common fields:
- Integration
- Utilities
- Experimental Areas and services.
- Other spaces (Clean rooms, laboratories..)
- Computing resources and needs.
- Joint general meetings.

The Joint Integration Group

- Technical issues will be examined and hopefully solved by ad-hoc technical subgroups.
- Meetings are expected to become more frequent when approaching to the executive phase.
- Frequency can only be determined by the agenda.

The Joint Integration Group

- Research Director & Infrastructure Director (or proxies).
- Experimental Physics & Information Technology leaders
- Accelerator & Technical Leaders:
- SuperB Spokesperson
- SuperB Technical Coordinator

Comments on this Meeting Agenda

Yesterday May 31 was devoted to the Physics Workshop:

Thursday 31 May 2012

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09:00->19:00 **Physics Meeting** (Convener: John Joseph Walsh (PI) , Marco Ciuchini (ROMA3) , James Olsen (Princeton University) , Adrian Bevan (Queen Mary)) [EVO meeting URL](#); [EVO meeting information](#)

- 09:00 Welcome (05') [Slides](#)  (Aula Maria Luisa) Marco Ciuchini (ROMA3)
- 09:05 Delta ACP in Charm from LHCb (25') [Slides](#)   (Aula Maria Luisa) benoit viaud (LAL-in2p3-CNRS)
- 09:30 Hadronic Uncertainties in Delta ACP (25') [Slides](#)  (Aula Maria Luisa) Luca Silvestrini (ROMA1)
- 09:55 Lattice and Charm (30') [Slides](#)  (Aula Maria Luisa) Cecilia Tarantino (ROMA3)
- 10:25 Rare Charm decays from BES III (25') [Slides](#)  (Aula Maria Luisa) Xiao-Rui Lu (Graduate University of Chinese Academy of Sciences)
- 11:00 coffee break (30')
- 11:30 Vub Theoretical Overview (30') [Slides](#)  (Aula Maria Luisa) Paolo Gambino (TO)
- 12:00 Extracting Vub and B->Xs gamma from global fits (25') [Slides](#)  (Aula Maria Luisa) Kerstin Tackmann (DESY)
- 12:25 Vub Experimental overview (20') [Slides](#)  (Aula Maria Luisa) Marcello Rotondo (PD)
- 12:45 Vub and the CKM fits (15') [Slides](#)  (Aula Maria Luisa) Marco Ciuchini (ROMA3)
- 13:00 Right-handed effects in Vub (20') [Slides](#)   (Aula Maria Luisa) Andreas Crivellin (TTP Karlsruhe)
- 13:30 lunch break (2h30')
- 16:00 B physics from CMS including Bs -> mu+mu- (25') [Slides](#)  (Aula Maria Luisa) Luca Martini (PI)
- 16:25 B physics from LHCb, Bs->mumu and K*ll (25') [Slides](#)  (Aula Maria Luisa) Patrick Koppenburg (Nikhef)
- 16:50 Bs->mu+mu- and B->tau nu comparison (25') [Slides](#)   (Aula Maria Luisa) Gianluca Blankenburg (ROMA3)
- 17:15 Hadronic form factors in tauola (20') [Slides](#)  (Aula Maria Luisa) Pablo Roig Garces (LPT CNRS, Orsay)
- 17:35 Closeout (05') (Aula Maria Luisa) John Joseph Walsh (PI)

Comments on this Meeting Agenda

On Physics:

Attention focused on preparation of material for the the new European Strategy on Particle Physics. The section on Spectroscopy is ready, other in preparation.

The CERN Council is preparing, as announced Dec. 15,2011 the Open Symposium of Krakow, Poland, Sept. 10-13, 2012, to update the European Strategy for Particle Physics. The previous set of a strategy like this was in July 2006.

Comments on this Meeting Agenda

On Physics:

Physics Groups and coordinators are working to the preparation of the TDR & “The SuperB Physics Book”.

I have set red arrows pointing to presentation from BES III, LHCb and CMS. We intend to continue our tradition of inviting speakers from different communities but on the same boat and rowing toward the New Physics harbor.

I expect a very interesting presentation from our competitor community of BELLEII today.

European Strategy

The CERN Council announced (Dec. 15) that it would hold an Open Symposium in Krakow, Poland, from Sept. 10-13, 2012, to update the European Strategy for Particle Physics. The previous set of a strategy like this was in July 2006.

Later SuperB was included in the European Strategy as a regional project. “ in the spirit of Lisbon”.

Comments on this Meeting Agenda

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Detector activity :

Move on to the definition of the baseline of all the systems.

The writing of TDR is going on without major showstopper.

Yesterday there was an interesting Technical Board.

The activity on TDR that was started within the previous organization and supported by the INFN SuperB TDR Special Project . Now in the present phase the coordination is fully in the hands of technical coordinators. The research structure of Cabibbolab can help and will review the document.

Costing and schedule can only be ready by the fall.

MOU with SLAC about the reuse of Babar components is needed.