

Minutes of the SPL coordination group

Meeting no. 20 (draft)

Date: 3 April 2009

Present: S. Calatroni, E. Ciapala, R. Garoby, A. Lombardi, V. Parma, W. Weingarten, S. Weisz

Excused: F. Gerigk, M. Vretenar

Agenda

1. Comments and approval of minutes

2. News

3. Presentation of the SPL needs at the sector meeting (Monday 6, April)

4. Organization of the 2nd SPL collaboration meeting (Vancouver, 8-9 May, 2009)

5. Next meeting

1. Comments and approval of minutes

- Approval of the last minutes.
- The sLHC EDMS structure is in place and some documents have already been stored (Minutes of coordination meetings, for example). The need is expressed for dividing the folder “Collaborations/French in-kind contribution” into 2 subfolders (“Management” and “Technics”).
- The SPL study is also accessible on Indico with 3 different types of meetings: Collaboration, Coordination and Workshops. It is found during the meeting that the parameter review of April 2008 is wrongly filed in “Collaboration meetings”. The present meeting is the first one to exist among the “Coordination meetings”.
- The content of the document on “Goals and resources of the SPL study during the period 2008-2012” [EDMS Id. 993472 (https://edms.cern.ch/file/993472/1.1/SPL_plan_2009-2012.pdf)] is commented.

2. News

The possibility to use in 2009-2010 additional money from the French in-kind contribution has been debated during a meeting with S. Myers on Tuesday 31, March. For the SPL study, the proposal has been made, in agreement with B. Launé (IPN Orsay), that the CNRS/IN2P3 could either build more cavities and/or contribute to the upgrade of cryogenics in SM18. S. Myers did not agree to support such a proposal which is not part of the approved work programme. He recommended trying to get it as a separate and additional contribution... The only other possibility is about klystrons for Linac4.

The subject will be discussed with a delegation from CNRS on Tuesday 7, April.

3. Presentation of the SPL needs at the sector meeting (Monday 6, April)

S. Myers is organizing a sector meeting on Monday 6, April, to assemble projects requests for the needs of the MTP2010-2014. On the agenda are CLIC (J.P. Delahaye), Linac4 (M. Vretenar), Inner Triplet (LHC upgrade phase 1) (R. Ostojic), PS2 (M. Benedikt), SPL (R. Garoby), Civil Engineering and General Services for the new injectors (S. Weisz), SPS upgrade (E. Shaposhnikova) and Collimation (R. Assman).

For the SPL, data until 2012 will be taken from the just published documents [EDMS Id.993331 and 993472].

Data for 2013 and 2014 was estimated during the meeting:

- Continuity of manpower in 2012 will be used to justify the addition of 11 man.years in 2012, as part of construction.
- Since 2 companies will probably get the construction contracts for the cavities, the construction of 2 x 2 pre-series cryomodules (2 medium beta and 2 high beta) shall be planned. These cryomodules shall be fully equipped and be considered as future spares.
- The ramp-up in personnel will be faster than in material.
- Work will not be limited to the accelerator sector. Present figures can only be preliminary.
- Nb procurement will be dealt with inside the "Sc cavities" Working Group lead by Wolfgang.

4. Organization of the 2nd SPL collaboration meeting (Vancouver, 8-9 May, 2009)

The meeting will have 2 sessions of 3 hours, the first one on Friday 8 in the evening (17h00 till 20h00), and the second in the afternoon of Saturday 9 (13h30 till 16h30).

- The preliminary agenda foresaw summary talks from the WGs + collaboration matters on Friday, and Technical talks on Saturday. Because of the departure on Saturday morning of potential technical speakers, the decision is taken to swap the sessions.
- The reports from WGs will be made by Ed (WG1), Vittorio (WG2 with input from Wolfgang + WG3), and Rick (WG4).
- The following technical talks are already foreseen: RF distribution (R. Pasquinelli), RF high power (E. Ciapala), New ideas for HOM damping (I. Ben-Zvi), Improved cavity shape (R. Calaga). In addition, R. Baartman has already announced contributions from TRIUMF on beam dynamics.

Based on this information, a preliminary agenda will be sent to all registered members of the collaboration on Friday 3, April.

5. Next meeting

Friday 17, April 2009, 10:00 in Bdg.30/6-017

Subjects:

- Status of preparation of the MTP2010-2014
- 2nd SPL collaboration meeting (PAC'09 – Vancouver)
- Preparation of the Beam Dynamics workshop on HOMs (June 2009, CERN).

-- [Roland Garoby](#) – 6 April 2009