

**Minutes of the
AMBER Collaboration Board Meeting at CERN
on June 15, 2023, 15:00 Geneva time**

Attendance: C. Azevedo, A. Bressan, M. Chiosso, A. Cicuttin, O. Denisov, S. Donskov, N. Doshita, H. Fischer, J. Friedrich, E. Kabuß, B. Ketzer, R. Kurjata, S. Levorato, J. Lichtenstadt, T. Matsuda, J. Matousek, J. Novy , D. Panzieri, C. Quintans, A. Sandacz, P. Zuccon
M. Veit, T. Poeschl, M. Alexeev, D. Neyret, O. Kiselev

Apologies: B. Badelek, J. Berenguer, S. Dasgupta, A. Dziuba (replaced by Evgeny Maev), A. Gerbershagen, N. Masi, B. Seitz, M. Zavertyaev

Absent: J. Bernauer, A. Guskov, D. Keller, M.X. Liu, G. Nigmatkulov, V. Saleev, H. Suzuki, G. Mallot

The agenda was:

1. Welcome, Attendance and Apologies
2. Approval of Agenda
3. Approval of Minutes
 - CB meeting April 19, 2023
4. Communications by SPs/PAW24
5. Communications by CB chair
6. Status of MoU
7. AOB

2. Approval of Agenda

The items on the agenda were approved without changes.

3. Approval of Minutes

The minutes of the CB meeting on 19.4.2023 were approved without changes.

4. Communications by SPs (given by Oleg Denisov)

a) SPSC

- SPSC meetings: May 11-12, Spetember 5-6, November 14-15
- AMBER annual report due for September meeting
- before May SPSC discussion on running schedule with referees, NA64 and MuonE
- prelim. feedback from May SPSC:
 - SPSC supports two weeks for MuonE in September
 - SPSC supports PRM test with IKAR in September
 - AMBER proton beam run extended by one week to perform a DY test

- still some refinement of the schedule ongoing
- meeting on 19.6. to fix the running schedule in EHN2 for the rest of this year

b) Shift availabilities

Detailed discussion on problems and reasons:

- Not all groups have yet funds for AMBER participation
- Remote shifts are not advisable for newcomers
- Some proposals how to push people to do shifts
- Discussion will be continued in the next meeting

Please sign in now for shifts also in September

d) New group:

- No news from Tartu.

e) CSN1 meeting:

The new schedule was communicated: PRM 2025, PRM pilot run in 2024, DY test end of 2025

f) Finances:

Oleg reported on the status of the account and the plans:

- Status of AMBER CF account on 1.1.23: 194 kCHF
- Collected till June: 126 kCHF
- Spending till June: 75kCHF
- Expected spending till end of 2023: 160 kCHF
- Further CF contributione expected: 100 kCHF
- Balance expected at the end of 2023: 186 kCHF

g) PAW24:

No decision yet on time and place

Discussions are ongoing with Trento to have the meeting in the beginning of April.

h) Man power:

Thomas Poeschl and Oleg Denisov were successful with their applications for research fellow and SASS

AMBER has budget for a CERN PhD position for DAQ, no candidate yet

5. Communications by the CB chair

a) SP election:

- Delay due to problem with voting platform for Russian colleagues
- Carlos managed to transfer the voting platform to CERN
- Voting could continue, was extended by a week
- Oleg and Jan were re-elected as spokespersons

Congratulations to Jan and Oleg and many thanks to Carlos for organising the election

b) Dates of remaining 2023 collaboration meetings

- CM meeting 6.9.-8.9.23, CB 7.9.23 15:00 Geneva time
- CM meeting 27.11.-29.11.23, CB 28.11.23 15:00 Geneva time
- additional CB meeting on **Wed July 19** at 15:00 Geneva time

6. Status of MoU (given by Andrea Bressan

Meeting with German groups:

Update of German investments, table 5 in appendix reorganised

Meeting with Helge Meinhard:

Quite some changes to improve formulations, add clarifications, restructure content. This concerns several articles.

Further plan:

Circulate new version to GLs, answers till 20.6. 18:00

Send MoU to CERN to start signature procedure

Many thanks to Andrea Bressan for all the work on the MoU!!

Added after the meeting: The MoU was circulated to the GLs on 16.6.23.

7. AOB

AMBER plans for 2024/2025

An intense, long discussion took place.

Important points mentioned:

- PRM has to be shifted to 2025, otherwise German application will have no chance
- it would anyway be difficult to have the full PRM setup ready for 2024
- in 2024 only a PRM test or pilot run can be scheduled after July 1
- this would result in no physics case for 2024
- in 2025 quite some competition for the beam in EHN2 is expected
- test or pilot PRM run in 2024 is mandatory

Physics case for 2024

- APX with hydrogen target??
- would need full spectrometer including Saclay detectors and DC05
- also CEDARs and RICH
- old COMPASS DAQ
- extra TB meeting is required to discuss feasibility, possibly in first half of July
- extra CB meeting to take decision on 19.7.23
- important for the money application for several groups

Added after the meeting: The TB meeting will take place on 17.7.23.

End of meeting: 17:45