

**Minutes of the
AMBER Collaboration Board Meeting at CERN
on September 22, 2022, 15:00 Geneva time**

Attendance: C. Azevedo, B. Badelek, M. Chiosso, S. Dasgupta, O. Denisov, S. Don-
skov, A. Dziuba, M. Finger, H. Fischer, J. Friedrich, S. Gerassimov, A. Guskov, E. Kabuß,
B. Ketzer, R. Kurjata, J. Lichtenstadt, W. Lorenzon, H. Marukyan, N. Masi, T. Matsuda,
D. Panzieri, C. Quintans, A. Sandacz, B. Seitz, P. Zuccon
V. Andrieux, T. Poeschl, S. Levorato, D. Neyret, O. Kiselev

Apologies: A. Bressan (replaced by F. Tessarotto), N. Doshita, A. Gerbershagen

Absent: J. Berenguer, J. Bernauer, M. Grosse-Perdekamp, D. Keller, M.X. Liu, V. Lyubovit-
skij, G. Nigmatkulow, J. Novy, V. Saleev, H. Suzuki, G. Mallot

The agenda was:

1. Welcome, Attendance and Apologies
2. Approval of Agenda
3. Approval of Minutes:
 CB meeting on June 22, 2022
 CB meeting on August 24, 2022
4. Communications by SPs
5. Communications by CB chair
6. Finances
7. Appointment of member for PBC QCD subgroup
8. Appointment of CB chair
9. Formation of SP search committee
10. Status of MoU
11. Transition of equipment from COMPASS to AMBER
12. AOB

2. Approval of Agenda

The items on the agenda were approved without changes.

3. Approval of Minutes

The draft minutes for the CB meeting on June 22 were distributed on July 14th and for the CB meeting on August 28 on Sep 22nd.

To the minutes of June 22 the comment from Damien to item 4.e had been added:
Damien confirmed during the meeting that all Saclay equipment can stay in place for the 2023 data taking of the antiproton production measurement, *provided that an AMBER-member institute will take the responsibility and will manage the equipment during this period, after agreement with CEA Saclay. This will have no impact on the destiny of the equipment after the 2023 antiproton run.*

No other comments were received. Both draft minutes were approved.

4. Communications by SPs (Jan Friedrich)

a. Russian groups in AMBER:

- July 5: Meeting with Mnich: preparation of MoU can be continued including the Russian groups, but signature of groups from Kurchatov institutes (Gatchina, Protvino) will be put on hold
- July 13: Info to Russian group leaders
- Sep 9: Second meeting with Russian group leaders: all expressed their wish to continue their engagement in AMBER
- We will follow the guidelines from CERN
- Signature of papers was not discussed

- Aleksei Dziuba (PNPI) stressed that without signed MoU PNPI legal department as well as PNPI HEP Division management see no legal ground for financial, manpower and in kind contribution. Till the end of 2022 the current status is acceptable, but any contributions foreseen for 2023 are in danger.

b. AMBER computing resources:

We plan to apply for resources similar to COMPASS. A meeting with CERN IT will take place next week. Also a discussion with COMPASS on common items will be started.

c. Energy savings at CERN:

It was confirmed YETS will start 2 weeks earlier on 28.11.22 this year, heavy ion run will be shortened. It will be extended by 4 weeks in beginning of 2023 and will start 6 weeks earlier in end of 2023.

d. NuPECC long range planning

- AMBER should be entered in the long range planning.
- The input (< 5 pages) will be prepared till end of September on short and long range planning of AMBER.
- The work will be done by SPs and Physics coordinators supported by the proposal group, they ask for volunteers to join.

Added after the meeting:

The deadline for contribution was extended till end of October.

d. CERN grey book:

All team leaders are asked to enter the information about their groups in the grey book and keep it updated. Please follow the mail from Anne Lissajoux.

5. Communications from CB chair

AMBER member list:

Till end of September the number of paying AMBER is collected to prepare the FRC meeting.

Dates of 2022 meetings:

- Collaboration meeting 4: Wed 7.12./Fri 9.12.22

- CB meeting : Thu 8.12.22 15:00 Geneva time
- **Remote meeting**

Dates of 2023 meetings:

- Collaboration meeting 1: 1.3.-3.3.23, CB 2.3.23 15:00 CB
- Collaboration meeting 2: 14.6.-16.6.23, CB 15.6.23 15:00 CB
- Collaboration meeting 3: 6.9.-8.8.23, CB 7.9..23 15:00 CB
- Collaboration meeting 4: 6.12.-8.12.23, CB 7.12.23 15:00 CB
- We plan to hold all meetings in person.

6. Finances (Oleg Denisov)

Oleg reported on the collected money for the common fund and the spendings in 2022 including the expectation for the rest of the year.

About 60% of the money will be collected, resulting in a positive balance of about 130 kCHF at the end of 2022. This money is needed to get started in 2023. Some discussion on the outstanding contribution. There will be the possibility of in-kind contributions.

A first draft for the 2023 budget was shown, but there are a number of open questions to be sorted out. The discussion will be continued in the next CB meeting.

The date of the FRC was not yet fixed. We will have a CB meeting on a Wednesday afternoon about 2 to 3 weeks before the FRC meeting.

Added after the meeting:

The FRC meeting will take place on 28.11.22.

7. Appointment of member for PBC QCD subgroup

Till September Wolf-Dieter Nowak was member for AMBER. A discussion took place in the proposal group meeting and Jan Friedrich is proposed as candidate.

Jan Friedrich was unanimously appointed and he accepted.

8. Appointment of CB chair

During the meeting Eva Kabuß was proposed as chair for another year. No other member was available.

She was unanimously appointed and accepted.

9. Formation of SP search committee

Jan and Oleg started their mandate end of June 2021. According to the bylaws the search committee should be formed a least 6 month before the end of the mandate.

Wolfgang Lorenzon, Paolo Zuccon, Alexey Guskov, Bernhard Ketzer and Catarina Quintans were appointed unanimously. All accepted. Andrea Bressan was nominated in absence, he did not accept.

Added after the meeting:

The younger scientists nominated Martin Zemko as search committee member.

10. Status of MoU (Andrea Bressan and Oleg Denisov)

- The articles of the MoU are quite advanced, one additional meeting with Helge Meinhard will be done.
- Annex 1 and 2 have been updated with the info from the Russian groups.

- Plan: circulate MoU to the group leader mid of October to get the updates for the annexes (please prepare the info now!), also to funding agencies
- Start signature procedure mid of November
- Some groups need the sigend MoU to apply for money, so we should try not to pile up delays

11. Transition of equipment from COMPASS to AMBER (Stefano Levorato)

Stefano went into more details than in the collaboration meeting.

- COMPASS TB will come to an end soon, so we have to setup the AMBER TB
- TC plus SPs and physics coordinators will propose TB members for the next CB meeting
- List of existing equipment was shown together with the info in which physics program of AMBER phase 1 it will be used
- Only few parts will not be used, they have to be removed by the corresponding groups at end of COMPASS data taking
- Most equipment can be easily transferred from COMPASS to AMBER
- Exception: Saclay MMs and DCs, an AMBER group has to take care
- Some discussion on the implications and the requirement
TC and SPs will prepare a list on the required work and will organise a meeting with groups that are not in COMPASS

12. AOB

Catarina asked for the status of the AMBER webpage

There was some different judgement on the status of the webpage. The Prague group is trying to find a student to continue the work on the web page.

End of meeting: 18:00