

**Minutes of the
AMBER Collaboration Board Meeting via ZOOM
on April 19, 2023, 15:00 Geneva time**

Attendance: C. Azevedo, B. Badelek, J. Berenguer, J. Bernauer, A. Bressan, M. Chiosso, A. Cicuttin, S. Dasgupta, O. Denisov, N. Doshita, A. Dziuba, H. Fischer, J. Friedrich, A. Guskov, E. Kabuß, B. Ketzer, R. Kurjata, S. Levorato, J. Lichtenstadt, N. Masi, T. Matsuda, D. Panziera, C. Quintans, A. Sandacz, B. Seitz, M. Zavertyaev, P. Zuccon T. Poeschl, M. Alexeev, O. Kiselev

Apologies: A. Gerbershagen, J. Matousek (replaced by Martin Zemko), J. Novy (replaced by Kamil Augsten), V. Saleev

Absent: S. Donskov, D. Keller, M.X. Liu, G. Nigmatkulov, H. Suzuki, G. Mallot, D. Neyret

Illinois left AMBER, so Matthias Gross-Perdekamp is no longer CB member.

Jan Matousek replaces Miroslav Finger for Prague Charles University.

Thanks a lot to Miroslav and Matthias and welcome to Jan!

The agenda was:

1. Welcome, Attendance and Apologies
2. Approval of Agenda
3. Approval of Minutes
 - CB meeting March 1, 2023
4. Communications by SPs
5. Communications by CB chair
6. AMBER publication policy
7. Running strategy for PRM in the coming years
8. ALPIDE financing
9. 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 1.3.2023 were approved without changes.

4. Communications by SPs (given by Oleg Denisov)

a) SPSC

- Schedule 2023 changed
- SPSC meetings will take place on May 11-12, September 5-6, November 14-15
- AMBER annual report due for September meeting
- Nothing on AMBER in the minutes from the February meeting

- SPSC supports the NA64 beam test.
- SPSC wants to monitor the progress of the preparation for the PRM run for 2024.

b) Transition of equipment

- The AMBER-COMPASS agreement was signed.
- The agreement with Saclay is in preparation.
- As Illinois left AMBER we also need an agreement with Illinois.
- An agreement for the PT material and ^3He has to be prepared.

c) Status of MoU

Few comments were collected and included, the contribution of German groups still has to be updated (see below).

d) New group:

- A group from the university of Tartu expressed interest to join AMBER.
- They were already collaborating with A. Guskov on COMPASS DY data.
- They are waiting for the decision on the CERN coordination group in Tartu for a possible budget.

e) AMBER 2023 run:

- The schedule for 2023 was approved by SPSC, SOB is on 1.5.23.
- The antiproton measurement will take place in May/June.
- July to mid of August warm up of PT magnet, changeover to PRM test in September.
- **Please subscribe for shifts.**

f) AMBER membership system:

- Order for GLANCE is submitted.
- Meeting with procurement office to clarify open issues.

5. Communications by the CB chair

a) Problem with ongoing SP election voting

- The Russian groups could not access the voting platform set up by Carlos.
- Carlos managed to transfer the voting platform to CERN so that no new start of the voting is necessary.
- The time for voting will be extended by a week.

b) Dates of 2023 collaboration meetings

2. CM meeting 14.6-16.6.23, CB 15.6.23 15:00 Geneva time
3. CM meeting 6.9.-8.9.23, CB 7.9.23 15:00 Geneva time
4. CM meeting 27.11.-29.11.23, CB 28.11.23 15:00 Geneva time

c) PAW workshop in 2024

If we want an outside meeting the date should be fixed in the June meeting. Please contact SPs if you are willing to organise the workshop.

6. AMBER publication policy

Slide from J. Mních already shown on the last meeting:

Option C as Adopted by the 4 Large LHC Collaborations

Proposal C:

Authors affiliated with Russian or Belarussian institutes, or with JINR, sign the Collaboration's scientific publications with their names and ORCID identifiers (where available), and the institute affiliation is replaced, respectively, by the reference:

"Affiliated with an institute [or an international laboratory] covered by a cooperation agreement with CERN."

The complete author list including all institute affiliations is made available to the journal in a non-public form for the purpose of machine-readable analysis or as historical data.

The publication committees of the collaborations will be charged with investigating the technical implementation details with the journals.

No acknowledgement to the Russian and Belarussian funding agencies and JINR is made.

On request, the experiment management will release a certificate attesting the contribution of the aforementioned institutes and funding agencies, or of JINR, to the work presented in the publication.



Only a short discussion took place as possible options were already discussed in the last meeting. A voting took place on adopting LHC option C also for AMBER:

No: 1, Abstain: 2, Yes: 24

The publication policy for proceedings was discussed separately. There were three proposals for proceedings:

- make no changed wrt. to regular policy
- apply option C also for proceedings, i.e. AMBER members affiliated with a Russian institution or JINR sign with name and ORCID number only.
- as option C but authors are in addition allowed to indicated their city.

After an exchange of opinions a voting took place on adopting LHC option C also for proceedings:

No: 1, Abstain: 3, Yes: 23

7. Running strategy for PRM in the coming years

B. Ketzer reported on a meeting he and S. Paul had with a representative of the German BMBF (Projektträger) in March. While the preparations for a new AMBER application for the period July 2024 - June 2027 are well underway (AMBER e.g. appears in the new recommendations of the German Comittee for Hadron and Nuclear Physics to the BMBF), there are a few caveats and possible formal show stoppers that have to be avoided by all means:

1. There is a clear scheduling conflict to ask for investment funds for work that is to start in mid 2024, for an experiment that basically starts at the same time.

2. The German contribution has to focus on fewer projects, and the overall financial contribution has to match the person count.
3. The expected contributions from the international partners have to be clearly stated in the MoU.

Especially item 1. means that a physics run for the proton charge radius measurement in AMBER in 2024 is not advisable in view of the German funding situation. The proposal is therefore to shift it to 2025, thus making room for other measurements in the M2 beam line.

A discussion took place on the consequences for AMBER. Especially Oleg mentioned that AMBER is delayed with several projects for the proton run. Therefore it could be advisable to ask only for a test/pilot run in 2024 and perform the full measurement in 2025. Also the implications for the DY measurement were addressed.

Two conclusions were reached:

- A mandate for the SPs to discuss the running schedule with our referees mentioning the new constraints.
- The numbers in the appendices of the MoU will be updated to take item 2 into account and a new version of the MoU will be circulated.

Added after the meeting:

An updated version was circulated on 17.5.23.

8. ALPIDE financing

Jan Friedrich reported on the status of ALPIDE stations explaining the planned set-up and the need to order 162 ALPIDE wafers for autumn.

For the order an agreement with ALICE is needed. The delivery and payment could be done in tranches. 16kCHF are requested from the common fund for the order.

It was agreed that payment could be done from the common fund.

Added after the meeting:

Yamagata agreed to contribute extra 16 kCHF to the common fund.

9. AOB

There will be a SOR party on May 6.

End of meeting: 17:25