

**Minutes of the
AMBER Collaboration Board Meeting at CERN
on March 01, 2023, 15:00 Geneva time**

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

Apologies: J. Berenguer, A. Gerbershagen

Absent: M. Grosse-Perdekamp, D. Keller, M.X. Liu, G. Nigmatkulov, H. Suzuki, D. Neyret

Michigan left AMBER, so Wolfgang Lorenzon is no longer CB member.

Andres Cicuttin joins CB for ICTP Trieste, Stefano Levorato for INFN Trieste.

Thanks a lot to Wolfgang and welcome to Andrea and Stefano!

The agenda was:

1. Welcome, Attendance and Apologies
2. Approval of Agenda
3. Approval of Minutes
– CB meeting December 7, 2022
4. Communications by SPs
5. Communications by CB chair
6. Report from SP search committee
7. DY physics coordinator
8. Appointment of PubCom member
9. AMBER physics workshop preparation
10. Status of MoU
11. 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 7.12.2022 were approved without changes.

4. Communications by SPs (given by Jan Friedrich)

a) Meeting with SPSC referees on 3.2.23

A meeting took place with the SPSC referees on 3.2.23. The SPs gave a report on the test runs in 2022 and the beam request for 2023. An outlook was given for 2024.

The same beam request was repeated in the conventional beam meeting.

The beam schedule for next years is LS3 for SPS in 2026-2027, whereas for LHC in 2026-2028.

b) CERN publication policy

A meeting with J. Mnich took place on 13.2.23 for the non-LHC experiments. He gave the information that option C was chosen by the LHC experiments (see extra slide).

The question of signature of proceedings and former AMBER members was brought up in the discussion. We will have an extra CB meeting in April to decide and vote on the AMBER publication policy. A written draft will be circulated before.

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 [for 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.

c) Signature of MoU

Signature of Kurchatov Institutes will be put on hold by CERN, affects PNPI and Protvino.

CERN intends to sign MoU with other Russian Institutions and JINR.

d) Manpower:

- Stefano Levorato is TC till end of March.
- Moritz Veit is supported by TB as next TC, which is only possible when his PhD is submitted.
- When the starting date of Moritz can be estimated, we will have a electronic vote.
- Some discussion took place on the bridging between Stefano and Moritz. Will be done with the help of SPs and run coordinator.
- A PhD position for DAQ/HLT is available in Prague, also AMBER has support for a PhD position at CERN.
- The chair for the AMBER phase 2 proposal drafting is missing. Some worries were expressed on the current status of the proposal preparation. The group needs a chair to organise the work, but also more contributors.
- Björn Seitz agreed to make an effort to find more contributors and provided me with the following sentence:

The preparation of the phase-2 physics case is in need of enthusiastic advocates to shape the physics case and to help in the preparation of the proposal. We would like to especially encourage early career researchers to join this effort.

e) Transition COMPASS-AMBER:

- The transition document is already signed by CERN, we will sign next day.
- The polarised target material and ^3He is not included.
- The Bonn group takes responsibility for the target material, it will stay at CERN. Nori agreed to care of the material.
- AMBER has to clarify whether the material is needed for AMBER phase 2.
- The agreement for the Saclay equipment is not ready, but the equipment will be available for the antiproton production run.
- Some worries were expressed on the status of Protvino equipment at CERN and the problems of material transfer from PNPI to CERN.

5. Communications by the CB chair

Dates of 2023 collaboration meetings

1. CM meeting 28.2.-2.3.23, CB 1.3.23 15:00 Geneva time
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

There will be an additional CB meeting on 19.4.23 at 15:00 Geneva time.

6. Report from SP search committee

The members are Wolfgang Lorenzon, Paolo Zuccon (chair), Alexey Guskov, Bernhard Ketzer, Catarina Quintans, Martin Zemko.

The report was given by Paolo:

In total 14 colleagues were interviewed, Oleg Denisov was available, Stephan Paul only very reluctant and Jan Friedrich with the extra constraints that somebody else should

cover the AMBER phase 2 proposal chair.

First a vote took place on the number of SPs. There was a unanimous vote for 2 SPs.

In the second vote Jan and Oleg were unanimously nominated as candidates for the SP election.

After the meeting the list of eligible voters will be set up and Carlos Azevedo will organise the voting.

7. DY physics coordinator

Vincent Andrieux is no longer available as DY physics coordinator.

Thanks a lot for Vincent for his work as physics coordinator!

In the DY group Catarina Quintans and Carlos Azevedo were nominated as physics co-coordinators.

They were appointed unanimously by the CB.

8. Appointment of PubCom member

The current members were Michela Chiosso, Alexei Dziuba, Wolfgang Lorenzon, Marcin Stolarski.

As Michigan left AMBER a new member has to be appointed.

Thanks a lot to Wolfgang for all his contributions!

PubCom proposed Caroline Riedl and Björn Seitz as candidates, but both are not available.

Horst Fischer offered to be a candidate.

He was appointed unanimously by the CB.

9. AMBER physics workshop preparation

Oleg reported on the status of the preparation of an AMBER physics workshop planned for August 23. An extensive discussion took place on the scope of such a workshop and a good date. Also the name of the workshop was addressed. In the end it was agreed:

- The workshop will be moved by 6 month to end of February/beginning of March.
- The name of the series will be Physics at AMBER international Workshop (PAW).
- For PAW24 we invite for proposals for a location (well before the June CB meeting).
- The date will be fixed in the June CB meeting.
- The preparations will be continued concerning schedule and IAC.

10. Status of MoU

Andrea Bressan gave a short report on the status of the MoU.

In the Articles small editorial correction were applied on the request of Groningen.

The Annexes are mostly complete, very few entries are missing. The final document is expected very soon. It will be circulated to the CB members.

Added after the meeting: The final version was circulated to the CB members on 24.3.23. They are asked to verify within two weeks with their funding agencies (if applicable) whether they are ready to sign the MoU.

After that the MoU will be send to CERN to start the signature procedure.

11. AOB

a) SP were informed in December by Matthias that Illinois will leave AMBER. Nego-

tiations took place to ensure that DC05 will be available and maintained for the 2023 antiproton production run.

b) Oleg Kiselev informed us that the decision for the contract for the vessel of the AMBER TPC was taken and the contract was signed. A Kickoff meeting will take place on 3.3.23 to discuss details of timelines etc. The vessel should be available in September 2023.

End of meeting: 19:00