

**Minutes of the
AMBER Collaboration Board Meeting via ZOOM
on February 1, 2024, 15:00 Geneva time**

Attendance: C. Azevedo, B. Badlek, A. Bressan, K. Brinkmann, M. Chiosso, A. Cicutin, S. Dasgupta, O. Denisov, S. Donskov, N. Doshita, A. Dziuba, H. Fischer, A. Guskov, E. Kabuß, R. Kurjata, S. Levorato, J. Lichtenstadt, N. Masi, J. Matousek, T. Matsuda, J. Novy, D. Panzieri, S. Paul, C. Quintans, A. Sandacz, S. Smirnov, M. Zavertyaev, J. Friedrich, M. Veit, T. Poeschl

Apologies: B. Seitz, P. Zuccon, D. Neyret, G. Mallot

Absent: J. Berenguer, J. Bernauer, A. Gerbershagen, D. Keller, B. Ketzer, K. Liu, V. Saleev, H. Suzuki, O. Kiselev

Stephan Paul takes the seat for TUM, welcome to Stephan!

The agenda was:

1. Welcome, Attendance and Apologies
2. Approval of Agenda
3. Approval of Minutes
– CB meeting November 28, 2023
4. Communications by SPs
5. Request by PNPI
6. Report from TB
7. 2024 Run coordinators
8. Addendum to bylaws and publication rules
9. Communications by CB chair
10. 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 28.11.2023 were approved without changes.

4. Communications by SPs (given by Jan Friedrich)

a) SPSC

- new referees: Achim Geiser, Alessandro Bacchetta (plus Marco Contalbrigo, Gabor Veres)
- meeting with referees on 10.2.24 for status of APX preparation and the beamtime request for PRM

b) Outreach

- visit of Bonn university representatives
- AMBER tour well received
- consider to arrange for similar opportunities

c) PAW24 workshop

- webpage available with list of confirmed speakers
- registration open

d) MoU

- collection of signatures ongoing

e) Collaboration with Russian Institutes

Meeting with RD on January 16

- contracts with Belarus and Russia will not be prolonged
- all users will lose their USER status, no entry to CERN anymore
- responsibilities have to be taken over by other groups
- access to data and analysis tools will be granted on case-by-case basis (e.g. for PhD students and their supervisors)
- formal rules still to be worked out
- rules for authorship to be agreed within the collaborations
- an agreement within AMBER mandatory to keep PNPI team for 2024

After the report we had a lively discussion on the ownership of Russian equipment. A response from the Russian ministry is expected soon.

5. Future of PNPI group in AMBER (report given by Aleksei Dziuba)

Aleksei gave first a summary of the current situation. He also explained that there was no time to coordinate the activities with the other Russian groups.

The PNPI group asks for authorship and access to the data from 2021, 2023 and also 2024 onwards. The PNPI group would continue to help with the gas system preparation and the development of the inner structure for the TPC for the 2024 run. A statement of the collaboration is needed for discussion with the PNPI directorate, to obtain support for the TPC project in 2024.

We had a extended discussion in the meeting. It became clear that everybody supports to continue contact with the current PNPI group. But currently clear rules from CERN are missing, which is reflected in the statement for the minutes. The following text was proposed for vote:

The AMBER Collaboration board recognizes the contribution of PNPI to the development of active target technology and the preparation of an experiment proposed by AMBER Collaboration on the precision measurement of the proton charge radius. The AMBER Collaboration board recognizes the current members of the PNPI group as co-authors of all scientific works that have been and will be carried out using the active target technique and will include them and their affiliation (possibly by ORCID identifier) in the list of authors of the related scientific publications in agreement with AMBER publication rules. Access to AMBER data (including data on disk, AMBER software, PRM-related meetings) will be granted to current members of AMBER-PNPI group. All steps will be taken in agreement with the present and future CERN regulations. The current composition of PNPI group is Aleksei Dziuba, Eugeny Maev, Aleksandr Vassiliev, Anastasiya Arutyunova (PhD student).

If requested, the AMBER Collaboration board will consider similar agreement with other Russian groups.

The CB members unanimously agreed to this text.

6. Report from TB (given by Moritz Veit)

Moritz gave a quite detailed report on the last TB meeting, which took place on 30.1.24 (see slides on <https://indico.cern.ch/event/1369321/>).

After the report there was a long discussion on missing manpower and resources. Moritz pointed out that there are some critical items for the run planned in 2024, which have to be solved within short time, e.g. the responsibility for DCs and MMs. Missing manpower to perform all the necessary tasks to prepare the 2024 run became obvious.

Oleg gave a detailed statement on the current manpower situation and the SP's interactions with CERN.

Especially all safety related issues, which were not present at previous data takings, require a lot of manpower and additional financial resources.

7. 2024 run coordination (report by Oleg Denisov)

There is a candidate for the second half of the run: Josef Novy from mid June till end of September. Unfortunately there is no candidate for the first half yet.

Oleg gave a summary on the interactions the SPs had with different AMBER colleagues and groups.

During the discussion Thomas Pöschl offered to do the run coordination for the APX part, in case that no other candidate could be found. The CB members were very grateful to Thomas for his offer, but it was pointed out that preferably somebody not yet stationed at CERN should strengthen the team at CERN. Moreover Thomas is AMBER analysis coordinator.

As a result of the discussion it was agreed that in the next two weeks the SPs once more would contact the AMBER groups to find a candidate. In case nobody else is available we would come back to Thomas.

It was agreed that an electronic vote will be done on the run coordinator for the APX part.

A vote took place for the run coordination for the second part.

Josef Novy is unanimously supported by the CB members and he accepted.

During the discussion it was stated that the Protvino group cannot support the run officially, but only unofficially.

Added after the meeting:

As no other candidate was found the electronic vote for Thomas Pöschl as APX run coordinator took place from 22.2. to 29.2.24.

I received 23 votes. The CB members unanimously support Thomas as APX run coordinator for 2024 and he accepted..

The remaining items on the agenda were shifted to the next CB meeting:

8. Addendum to bylaws and publication rules

Please take note of the documents on the indico page and send your comments asap to PubCom.

9. Communications by CB chair

Dates of 2024 collaboration meetings

1. PAW24 (18.-20.3.24)
CM meeting Thu 21.3.- Fri 22.3.24 and CB Thu 21.3.24 15:00 Geneva time
2. CM meeting Wed 26.6.- Fri 28.6.24 and CB Thu 27.6.24 15:00 Geneva time
3. CM meeting Wed 18.9.- Fri 20.9.24 and CB Thu 19.9.24 15:00 Geneva time
4. CM meeting Week 49 (to be discussed with COMPASS)

10. AOB

Please take note of the slides from Oleg on the indico page related to the common fund contributions.

End of meeting: 19:10