

**Minutes of the  
AMBER Collaboration Board Meeting at CERN  
on March 21, 2024, 15:00 Geneva time**

**Attendance:** B. Badelek, J. Bernauer, A. Bressan, M. Chiosso, A. Cicuttin, O. Denisov, S. Donskov, N. Doshita, A. Dziuba, A. Guskov, E. Kabuß, B. Ketzer, S. Levorato, J. Lichtenstadt, K. Liu, J. Matousek, T. Matsuda, J. Novy, D. Panzieri, S. Paul, C. Quintans, A. Sandacz, B. Seitz, S. Smirnov, M. Zavertyaev, P. Zuccon, J. Friedrich, G. Mallot, T. Poeschl

**Apologies:** C. Azevedo, K. Brinkmann (replaced by S. Diehl), S. Dasgupta, H. Fischer (replaced by G. Mallot), A. Gerbershagen, R. Kurjata, N. Masi, M. Veit, D. Neyret, O. Kiselev

**Absent:** J. Berenguer, D. Keller, V. Saleev, H. Suzuki

The agenda was:

1. Welcome, Attendance and Apologies
2. Approval of Agenda
3. Approval of Minutes
  - CB meeting February 1, 2024
4. Communications by SPs
5. Finances
  - Alpide sensors
  - Man power support for TPC
6. Addendum to bylaws and publication rules
7. Proposal for PAW25
8. Communications by CB chair
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 1.2.2024 were approved without changes.

## **4. Communications by SPs (given by Jan Friedrich)**

### **a) Meeting with SPSC referees on 2.2.24**

The plans for APX and PRM in 2024 were presented.

### **b) Preliminary minutes from SPSC:**

NA64 request of last 5 weeks of beam is supported, 6 weeks are given to the APX measurement. In addition time for the DY test and MUonE is supported, also the PRM pilot run at the end of the 2024 run. Here, commissioning of as much as possible of the necessary equipment is

advised.

**c) AMBER technical coordination**

Moritz will be absent till 27.3.24.

Lots of thanks to Nori, Christophe, Thomas and Oleg who will take over the responsibilities during that time.

**d) APX run coordination**

An electronic vote took place for the 2024 APX run coordination.

**Thomas Pöschl was unanimously supported by the CB members and he accepted.**

**e) PAW24 workshop**

Jan gave a short summary on the very successful PAW24 workshop at Chateau de Bossey and CERN.

**f) ALPIDEs for PRM**

Jan showed once more his slides from the PRM report in the collaboration meeting, pointing to the dramatic situation with e.g. finance and manpower. Also other sensors were mentioned e.g. the PANDA sensors at Gießen.

We had a lively discussion and it was agreed that a TB should be called short after Easter to review in detail the status of the ALPIDE project and decide about further steps. A strong participation of DAQ experts is important for this meeting.

**5. Finances (report by Oleg Denisov)**

**a) current balance:**

There were 251 kCHF available at the beginning of 2024, the current balance is 234 kCHF and 90 kCHF are committed for RICH gas and manpower. The invoicing for the 2024 CF will be started.

**b) Some good news:**

70 kCHF were allocated to AMBER from EP for safety related issues.

Some discussions are ongoing with NA61 on possible sharing for the LH2 PLC unit and gas/control system.

Deuterium and chamber gases will be provided by CERN.

No contribution to PAW24 is necessary due to sponsoring from CERN, INFN and Mainz.

**c) ALPIDE sensors:**

25kCHF are currently not covered, should come from AMBER groups. Currently no group is able to cover this sum.

The following proposal was made: A **pre-payment of the remaining sensors** will be done from the CF, but the AMBER group should reimburse the sum during the financial year 2024.

**The proposal was unanimously accepted by the CB members.**

**6. Addendum to bylaws and publication rules**

**a) A new paragraph on the authorship was proposed:**

**Addendum to  
The Organizational Structure of the Collaboration**

**0. Signature of Papers**

*All members of the collaboration with a financial contribution to the M&O fund and Ph.D.*

students have the right to sign general papers about AMBER results on the following two conditions. This includes members whose fees have been waived.

- They were members of the AMBER collaboration for **at least one year** (including Master/Diploma work).
- They have not left the Collaboration **since more than two years**.

Exceptions will be agreed upon by the CB.

The names of the authors will appear in **alphabetic order**. AMBER publications should be referred to in the form: “AMBER Collaboration, first name et al., ...” instead of using the first author’s name only.

**After a short discussion it was accepted unanimously by the CB members.**

#### **b) Publication rules:**

A draft of the publication rules was made available since a couple of weeks and is linked to the indico page of the meeting.

Aleksei Dziuba presented the main features. All AMBER physics data must go through a release procedure before being shown in public. The document outlines the necessary steps: pre-release activities, release request, release discussion, post-release activities. Also rules for paper writing are included with the following steps: proposal of paper, drafting committee and writing, draft discussion, submission. In addition rules for proceedings, technical results and other material related to AMBER are described.

A lively and detailed discussion followed where a number of additions and improvements were proposed, e.g. dealing with CERN preprint, corresponding authorship, exceptions for authorship and analysis cross check.

They will be implemented until the next CB and the new document will be made available.

### **7. Proposal for PAW25**

Stephan Paul presented a proposal to held the PAW25 workshop from 1.6. to 4.6.25 at Kloster Irsee close to Munich and then move for the collaboration meeting on 5./6.5.25 to the Garching campus at Munich. He gave a first estimate of the costs in Irsee (860 Euro plus conference dinner) and Munich (360 Euro plus dinners and public transport). The deadline for the reservation was 3.4.25.

After a short discussion a vote took place.

**The CB members unanimously voted for PAW25 at Irsee followed by a CM meeting at Garching at the given date.**

### **8. Communications by CB chair**

#### **Dates of 2024 collaboration meetings**

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)

### **9. AOB**

Barbara proposed to follow closely the options that were outlaid by Kristiane Bernhard-Novotny

in her contribution to the collaboration meeting the day before. A small group was formed (Barbara, Catarina, Jorge and Michela) to get into contact with the CERN EU office to investigate possible applications of AMBER group(s).

**End of meeting: 18:20**