

**Minutes of the
AMBER Collaboration Board Meeting per ZOOM
on March 22nd, 2021, 15:00 Geneva time**

Attendance: C. Azevedo, J. Bernauer, A. Bressan, M. Chiosso, S. Dasgupta, O. Denisov, A. Dziuba, M. Finger, H. Fischer, J. Friedrich, S. Gerassimov, A. Guskov, E. Kabuß, R. Kaiser, B. Ketzer, R. Kurjata, J. Lichtenstadt, V. Lyubovitskij, H. Marukyan, D. Panziera, C. Quintans, P. Reimer, V. Saleev, P. Zuccon

V. Andrieux, O. Kiselev, S. Levorato, D. Neyret, G. Mallot, F. Tessarotto

Apologies: M. Grosse-Perdekamp, W. Lorenzon

Absent: B. Badelek, S. Donskov, T. Iwata, D. Keller, M.X. Liu, N. Masi, T. Matsuda, G. Nigmatkulow, I. Peric, A. Sandacz, H. Suzuki

The agenda was:

1. Welcome, Attendance and Apologies
2. Approval of Agenda
3. Approval of Minutes:
CB meeting on Feb 15 2021
4. Communications by Contact Person
5. Status of GSI
6. AMBER software
7. Communications by CB chair
8. Report from TB and Planning for 2021
9. Finances
10. AOB

2. Approval of Agenda

The agenda was approved without changes.

3. Approval of Minutes

The draft minutes were distributed on March 13.

They were approved without changes.

4. Communications by Contact Person

- a. Jan Friedrich presented shortly the report on AMBER on the CERN webpage.
- b. Information on AMBER as part of the non-LHC physics program was sent to Augusto Ceccucci.
- c. He reported on the progress on the pilot run preparation for IKAR (on track), ALPIDE

(we will try to borrow stations from ALICE) and SciFi stations.

d. The GSI colleagues had to withdraw their AMBER membership due a decision of the GSI management. As a result, an agreement with GSI has to be prepared for the further collaboration on the use of IKAR and the new TPC for 2022. Oleg Kiselev gave some explanations for this decision. He and his colleagues are very much interested to continue cooperation with AMBER.

e. The preparation of the material for the April SPSC meeting is ongoing. Jan showed a first verions of the slides, the updated version will be circulated to the CB by the end of the week for comments and has to be submitted beginning of next week.

5. Status of GSI

It was proposed to accept Oleg Kiselev for GSI as observer.

This was unanimously accepted.

6. AMBER software

Vincent Andrieux reported on the first AMBER software meeting:

a. Urgent topics to be attacked now:

- Reconstruction of the continous data stream
- TGEANT based simulations with event scrambling
- Reconstruction program options:
short term: interface for reusing CORAL
long term: redesign reconstruction code
- Strengthening/Consolidating man power to carry out the various tasks is vital now to guarantee the success of the approved measurements.

b. AMBER Webpage:

Access is granted with CERN account. A twiki page and a gitlab repository for documentation and software revision control exist. The tools are currently not much accessed. Documentation and software projects should be migrated to this common place.

c. Main tasks for Software coordinator: gather all information, call for meetings to build-up a common work force, organize tutorials, review developments. We should try to find a candidate till next CB meeting.

Some discussions took on how the work started using existing software tools from COMPASS and on the design of a new framework with better detector and DB handling.

7. Communications from CB chair

a. A list of voting AMBER members was collected. Currently AMBER has 189 voting members from 39 institutes in 12 countries. A new mailing list, AMBER-members, was set up.

b. Vote on collaboration name: Do you agree to change the name of the NA66 collaboration from COMPASS++/AMBER to AMBER?

143 votes were send with 127 Yes and 16 No. So the name of the NA66 collaboration is AMBER.

c. Request for an AMBER logo: A short discussion took place, will be continued with

the colleagues supplying ideas and proposals.

d. Current members of MoU drafting group:

Jan Bernauer, Andrea Bressan, Oleg Denisov, Jan Freidrich, Bernhard Ketzer, Stefano Levorato, Wolfgang Lorenzon, Marcia QUaresma, Paul Reimer, Caroline Riedl, Paolo Zuccon, Mikhail Zavertyaev.

It was agreed to add Aleksei Dziuba.

e. Update from SP-search committee: No further candidates were found.

On next CB we have to decide on the candidates for the election so that the candidates can present themselves in the collaboration meeting. The election will take place after the collaboration meeting in May.

f. The following dates were selected for CB meetings and collaboration meetings:

- CB meeting
 - 5.5.21. 15:00 Geneva time
 - 28.6.21. 15:00 Geneva time
 - 7.9.21. 15:00 Geneva time
- Collaboration meetings
 - 6./7.5.21
 - 8./9.9.21

All meetings will be online.

8. Report from TB and planning for 2021

Stefano Levorato gave a report on the first joined AMBER-COMPASS TB meeting focussing on IKAR including time lines, SciFi trackers for 2021 with 500 μm fibres, common mounting for SciFis and ALPIDE. One SciFi station plus one ALPIDE plane is expected for the 2021 test. We try to borrow more ALPIDE planes from GSI (ALICE). In addition he reported on the plans for the hydrogen gas system for 2021 and beyond and gave a detailed plan on the necessary investments.

Some investments have to be done now to be in time for the PRM test.

9. Finances

a. Jan Friedrich gave a short overview on the AMBER team account, 12.6 kCHF were collected up to now.

b. With the approval of AMBER as NA66 it is now possible to open up CERN accounts for AMBER groups.

c. There was some discussion on the investments for the PRM test. The larger items have to be acquired by the respective groups, smaller items can be ordered via the AMBER team account.

Stefano will provide a list of urgent investments to be circulated to the CB members.

Added after the meeting: The list was circulated on 29.3.21.

10. AOB

There was no AOB.

End of meeting: 17:30