

**Draft Minutes of the  
AMBER Collaboration Board Meeting via ZOOM  
on June 22, 2022, 15:00 Geneva time**

**Attendance:** C. Azevedo, B. Badelek, A. Bressan, M. Chiosso, S. Dasgupta, O. Denisov, N. Doshita, S. Donskov, A. Dziuba, M. Finger, H. Fischer, J. Friedrich, S. Gerassimov, M. Grosse-Perdekamp, A. Guskov, E. Kabuß, R. Kurjata, J. Lichtenstadt, W. Lorenzon, V. Lyubovitskij, H. Marukyan, N. Masi, T. Matsuda, J. Novy, D. Panzieri, C. Quintans, A. Sandacz, B. Seitz  
V. Andrieux, S. Levorato, D. Neyret, O. Kiselev

**Apologies:** A. Gerbershagen, P. Zuccon

**Absent:** J. Berenguer, J. Bernauer, D. Keller, B. Ketzer, M.X. Liu, G. Nigmatkulow, V. Saleev, H. Suzuki, G. Mallot

The agenda was:

1. Welcome, Attendance and Apologies
2. Approval of Agenda
3. Approval of Minutes:  
    CB meeting on April 28, 2022  
    CB meeting on June 1, 2022
4. Communications by SPs
5. Communications by CB chair
6. Appointment of PubCom member
7. MoU/Bylaws
8. AOB

**2. Approval of Agenda**

The items on the agenda were approved without changes.

**3. Approval of Minutes**

The draft minutes for the CB meeting on April 28 were distributed on May 24th and for the CB meeting on June 1 on June 17th..

They were approved without changes.

#### 4. Communications by SPs (Oleg Denisov)

##### a. CERN council meeting on Jun 16, 22:

Geneva, 17 June 2022. At its 208<sup>th</sup> meeting yesterday, the CERN Council reiterated its denunciation of the continuing illegal military invasion of Ukraine by the Russian Federation with the involvement of the Republic of Belarus, which has resulted in a widespread humanitarian crisis and significant loss of life. CERN was established in the aftermath of World War II to bring nations and people together for the peaceful pursuit of science. Member States recalled that the core values of the Organization have always been based upon scientific collaboration across borders as a driver for peace, and stressed that the aggression of one country against another runs counter to these values.

The Council declared that it intends to terminate CERN's International Cooperation Agreements (ICAs) with the Russian Federation and the Republic of Belarus at their expiration dates in 2024. However, the situation will continue to be monitored carefully and the Council stands ready to take any further decision in the light of developments in Ukraine.

CERN's International Cooperation Agreements, ICAs, normally run for five years, and are tacitly renewed for the same period unless a written notice of termination is provided by one party to the other at least six months prior to the renewal date. The ICA with the Russian Federation expires in December 2024, that with the Republic of Belarus in June 2024.

These measures follow those already adopted at an extraordinary meeting of the Council on [8 March](#), and at the Council's regular meeting on [25 March](#). The Council reaffirmed that all decisions taken to date, along with the actions undertaken by the Management, which have had a marked impact on the involvement of the Russian Federation and the Republic of Belarus in the scientific programme of the Organization, remain in force.

The Council also decided to review CERN's future cooperation with the Joint Institute for Nuclear Research (JINR) well in advance of the expiration of the current ICA in January 2025.

Next steps:

- What is the reaction of the Russian Federation?
- A meeting of SPs of CERN experiments with Joachim Mnich on 27.6.22 to discuss the consequences of the decision at the CERN Council Meeting
- SPs asked for a meeting with Helge Meinhard to finalize MoU draft

##### b. SPSC meeting in June 6, 22:

Input from SPSC referees:

Dear Oleg and Jan,

the SPSC reviewed the status and plans of AMBER, and noted the difficult situation with the preparation of the proton radius measurement due to conditions that are external to AMBER.

The committee is in favor to allow AMBER prepare for the 2023 data-taking, now supposed to start with the anti-proton production measurement. SPSC supports the proposed beam usage in 2022 ([UTS test during COMPASS target operations and one week of dedicated hadron beam at the end of the COMPASS run](#)). It also encourages AMBER to complete the analysis of the IKAR TPC run and continue pursuing viable solutions for timely commissioning the equipment required for a compelling proton radius measurement.

Best regards, Leticia, Werner and Marco.

Additional info:

MuonE received a beam allocation for week 42 (Oct. 17–23)

In case they are not ready for the test, they might ask for the last week of the run. This could cause a shift of the AMBER Antiproton test.

**c. Finances:**

Oleg gave an update of the status of the AMBER M&O fund. Already payed or in pipeline are 150 kCHF. The total request for 2022 is 340 kCHF based of the number of full members in September 2021.

So far about 20 kCHF have been spent, but much more is in the pipeline for construction and manpower.

**Please inform the SPs about your planning and possibilities for paying the contribution.**

**d. New group in AMBER:**

There is a new group in AMBER from Groningen. The group leader is Alexander Gersbshagen, who is now also member of the AMBER CB. Negotiations have been started about the possible contributions of the Groningen group to the AMBER programm.

**e. Hardware responsibilities:**

At the end of the year the transfer of equipment from COMPASS to AMBER has to take place.

For equipment of groups, which are in AMBER and in COMPASS, a common memorandum with the full list of detectors will be prepared to be signed by SPs and CERN RCD. Special cases are the equipments belonging to Saclay, Taipei and CERN. Here, negotiations started to find a new group, as no unattended equipment is allowed at CERN.

Damien confirmed during the meeting that all Saclay equipment can stay in place for the 2023 data taking of the antiproton production measurement, provided that an AMBER-member institute will take the responsibility and will manage the equipment during this period, after agreement with CEA Saclay. This will have no impact on the destiny of the equipment after the 2023 antiproton run.

**f. Manpower:**

- TC depute and Engineer are available: Marat Vznuzdaev and Alexander Shunko.
- No progress on computing tasks (web page, member database)
- Other AMBER supported positions to be filled:  
Run coordinator, DAQ expert, Technicians (opportunity for in-kind contributions)

**5. Communications from CB chair**

A discussion took place on form of the September collaboration and CB meeting. Quite a number of members expressed the wish for an in-person meeting. But it became clear that not everybody can travel to CERN, so it was decided to hold a hybrid meeting in September.

**Dates of 2022 meetings:**

- Collaboration meeting 3: Wed 21.9./Fri 23.9.22 (hybrid)
- CB meeting : Thu 22.9.22 15:00 Geneva time (hybrid)

- Collaboration meeting 4: Wed 7.12./Fri 9.12.22
- CB meeting : Thu 8.12.22 15:00 Geneva time

## 6. Appointment of PubCom member

Current PubCom: Michela Chiosso, Alexei Dziuba, Wolfgang Lorenzon  
PubCom proposed Marcin Stolarski as fourth member.  
Marcin was unanimously appointed and he accepted.

## 7. MoU/Bylaws

The draft is now in a quite advanced state:

- After the last CB meeting a vote took place on a proposed change for the distribution of seats in the AMBER CB. The proposal did not receive 2/3 of votes. So there is no change in the rule.
- In the bylaws the expression “participating institutions” is changed into “participating entities” as there is a different use of “institutions” in the articles of the MoU.
- A DC meeting took place on 25.5.22 to discuss open questions in the MoU, the updated draft was sent to Helge Meinhard on 26.5.22.
- On June 8 a meeting took place for discussion of the second round of comments. Most comments could be resolved except a question of “Approval” vs. “Endorsement” and the proposed modifications to the articles according to CERN’s new MoU template.
- Some reshuffling of Annexes 4,5 took place and Annex 3 was reformulated.
- The update of the table with the financial participation is urgently needed. **Please send the information on your funding application, it will be marked as application in the draft.**
- As the next step the draft of the MoU could be sent to the funding agencies for comments.
- It has to be clarified if CERN would sign the MoU.
- The updated version is uploaded to the indico page of the CB meeting.

## 8. AOB

There was no AOB.

**End of meeting: 17:25**