

**Minutes of the  
AMBER Collaboration Board Meeting via ZOOM  
on November 02, 2022, 15:00 Geneva time**

**Attendance:** C. Azevedo, B. Badelek, J. Bernauer, A. Bressan, M. Chiosso, S. Dasgupta, O. Denisov, S. Donskov, N. Doshita, A. Dziuba, M. Finger, H. Fischer, J. Friedrich, A. Gerbershagen, A. Guskov, E. Kabuß, B. Ketzer, J. Lichtenstadt, W. Lorenzon, H. Marukyan, T. Matsuda, J. Novy, D. Panzieri, C. Quintans, A. Sandacz, B. Seitz, M. Zavertyaev, P. Zucco  
V. Andrieux, T. Poeschl, S. Levorato, D. Neyret, O. Kiselev

**Apologies:** R. Kurjata, G. Nigmatkulov, V. Saleev,

**Absent:** J. Berenguer, M. Grosse-Perdekamp, D. Keller, M.X. Liu, N. Masi, H. Suzuki, G. Mallot

Tomsk left AMBER, so Valery Lyubovitskij is no longer CB member.

Mikhail Zavertyaev replaces Sergei Gerassimov for Lebedev Inst. Moscow.

**Thanks a lot to Valery and Sergei and welcome to Mikhail!**

The agenda was:

1. Welcome, Attendance and Apologies
2. Approval of Agenda
3. Approval of Minutes:  
CB meeting on September 22, 2022
4. Technical board
5. Communications by SPs
6. Finances
7. 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 September 22 were distributed on Oktober 27th.

Comment from Aleksei Dziuba received. He asks for adding an additional point to 4a section of minutes:

- Aleksei Dziuba (PNPI) stressed that without signed MoU PNPI legal department as well as PNPI HEP Division management see no legal ground for financial, manpower

and in kind contribution. Till the end of 2022 the current status is acceptable, but any contributions foreseen for 2023 are in danger.

The minutes were approved with this addition.

#### 4. Technical board (Stefano Levorato)

- reminder on mandate of TB from Bylaws
- members:
  - ex officio: SPs, Physics coordinators, TC
  - members appointed by CB (no constraint on number)
- TB is not a meeting of all detector experts
- list of 12 people proposed (see below), experts will be invited for specific discussions, permanent guests possible
- first AMBER TB will take place in February
- vote on the list in the CB meeting, all 12 people will be addressed afterwards by e-mail about their availability
- list will be updated in the December CB meeting accordingly

TB Member- DAQ software development, HW interfacing SW	Martin Zemko	1
TB Member- DCS	Christophe Pires	2
TB Member- MWPC, RICH-WALL, MMegas, ALPIDE, FEE, LAT	Maxim Alekseev	3
TB Member- DAQ, FEE	Igor Konorov	4
TB Member- GEM and MPGDs, SAT	Bernhard Ketzer	5
TB Member- CALORIMETERS	Vladimir Poliakov	6
TB Member- CEDAR development	Marcin Ziembiky	7
TB Member- TRIGGER, FEE, DAQ	Moritz Veit	8
TB Member- PID, MPGDs, MWPC, Gas systems	Fulvio Tassarotto	9
TB Member- TPC	Aleksei Dziuba	10
TB Member- SciFi, SiPM, MCP-PMT PID and AMBER 2 Phase 2 DEVELOPMENTS	Bjorn Seitz	11
TB Member- SILICON for DY	Kun Liu	12
Permanent Guests	Oleg Kiselev	13
Permanent Guests	Alexander Shunko	14
Ex-officio members	Technical Coordinator	15
Ex-officio members	Analysis Coordinator	16
Ex-officio members	Spokespersons	17
Ex-officio members	Physics coordinator	18
Ex-officio members	Resource Coordinator	19

A vote took place for the list of member 1-12. → They were appointed unanimously.

#### 5. Communications by SPs (Jan Friedrich)

##### a. Transition COMPASS to AMBER for Saclay hardware:

- July 5: Meeting with Helge and Damien in 25.10
- **agreement:**
  - Saclay stays owner with no commitment, AMBER is granted the right to operate and maintain the Saclay HW till the end of the antiproton production measurement in 2023.

- Saclay will decide for each part separately on the future of their equipment and will inform AMBER 6 month in advance if removal is planned.
- The agreement is valid until the end of the AMBER MoU.

**b. AMBER computing resources:**

- CERN IT views AMBER as successor of COMPASS with smooth transition in the next years.
- Computing for the 2022 test is kindly provided by COMPASS.
- Further discussion is ongoing with CERN IT.

**c. Energy savings at CERN:**

About 20% less beamtime for the next years, eventually LS3 will be 3 years also for SPS.

**d. Status of MoU**

- Thanks to Andrea Bressan for the work on the MoU!
- Updated version circulated yesterday. Still quite some input for the tables missing. Please provide input till 19.November.
- Current situation for Russian groups: Gatchina and Protvino signature will be put on hold, Samara will sign, Lebedev will decide soon, for JINR no fundamental problem expected.
- Some discussion on the tables and on what should be on the tables.
- SPs will contact all groups with missing information.
- Extra CB meeting on 23.11. 15:00 before the FRC to discuss MoU and finances.

**e. NuPECC long range planning**

AMBER contribution was submitted in time.

**6. Finances (Oleg Denisov)**

Update of report from September 2022 given.

- Spendings and received contributions in 2022 updated.
- Expected surplus on M&O account at the end of 2022: 164.5 kCHF
- Draft budget for 2023 of 368.7 kCHF
- Discussion of possible savings due to support from CERN
- With 125 paying members a CH contribution of 3000 CHF per capita was proposed.
- Detailed discussion resulting in the request to produce 3 different scenarios with 2000, 2500 and 3000 CHF per capita contribution, these draft should be circulated till 11.11.22.
- The result will be discussed in the meeting on 23.11.

**7. AOB**

There was no AOB.

**End of meeting: 18:15**