

CERN – 1-2-2023
Minutes of the COMPASS CB meeting December 15th 2022
S. Paul – TU München

The meeting was held via Zoom. All transparencies and documents referred to in the text can be found within the [indico event](#).

Attendance

	Name	excused	present
1	AZEVEDO, Carlos	✓	
2	BADELEK, Barbara (EP-UFT)		
3	BECK, Reinhard (EP-UFT)	✓	
4	BRADAMANTE, Franco (EP-UFT)		x
5	CHANG, Wen-Chen (EP-UFT)		
6	CHIOSSO, Michela (EP-UFT)	✓	
7	DALLA TORRE, Silvia (EP-UFT)	✓	
8	DASGUPTA, Sudeb Sankar (EP-UFT)		x
9	DENISENKO, Igor (EP-UFT)		x
10	DONSKOV, Sergey (EP-UFT)		
11	DOSHITA, Norihiro (EP-UFT)		x
12	FINGER, Miroslav (EP-UFT)		x
13	FISCHER, Horst (EP-UFT)		
14	Friedrich Jan (EP-UFT)		x
15	GROSSE-PERDEKAMP, Matthias (EP-UFT)		
16	GUSKOV, Alexey (EP-UFT)	✓	
17	IWATA, Takahiro (EP-UFT)	✓	
18	KABUSS, Eva-Maria (EP-UFT)		x
19	KETZER, Bernhard (EP-UFT)	✓	
20	LEVORATO, Stefano (EP-SME-CO)		
21	LICHTENSTADT, Jechiel (EP-UFT)		
22	LYUBOVITSKY, Valery (EP-UFT)		x
23	MAGGIORA, Angelo (EP-UFT)		
24	MALLOT, Gerhard (EP-UFT)		x
25	MARQUES QUINTANS, Catarina (EP-UFT)	✓	
26	MARTIN, Anna (EP-UFT)		x
27	MATOUSEK, Jan (EP-UFT)		x
28	NAGAYTSEV, Alexander (EP-UFT)		
29	NEYRET, Damien (EP-UFT)		x
30	PANZIERI, Daniele (EP-UFT)	✓	
31	PARSAMYAN, Bakur (EP-UFT)		x
32	PAUL, Stephan (EP-UFT)		x
33	RIEDL, Caroline Kathrin (EP-UFT)		x
34	SANDACZ, Andrzej (EP-UFT)		x
35	SRNKA, Ales (EP-UFT)		x
36	TESSAROTTO, Fulvio (EP-UFT)		x
37	VIRIUS, Miroslav (EP-UFT)		
		9	18

- 1) The agenda was approved
- 2) The minutes of the CB meeting held on November 17th 2023 were approved without further changes.
- 3) Report of the spokespersons:
 - The spokespersons met with the *SPSC referees* and reported on the SPSC meeting. COMPASS has now officially been moved from “data taking” to “analysis”. They quoted from the *SPSC reports* from the SPSC meetings 146 and 147:
 - 146: SPSC is pleased by the synergistic approach in making optimal use of the beam line and commends **COMPASS for taking the lead** in this. The Committee notes with pleasure the readiness to take physics data, looks forward to a successful completion of the data collection for the transversity measurement, and supports the **priority given to COMPASS during 2022** to complete its physics goals.
 - 147th Meeting of the SPSC – draft minutes: The Committee acknowledges the efforts of **COMPASS** and of the other M2 beam line collaborations **for the constructive and accommodating cooperation during the 2022 run**. The SPSC encourages the M2 experiments to plan, in collaboration with the committee, essential beam usage with optimized apparatuses in preparation of their physics programmes, and to exploit the opportunities opened by the long AMBER target

operations, considering that external constraints may limit the available beam time in 2023.

- The committee congratulates **COMPASS** on the completion of a **successful twenty years** long data-taking program, resulting in **important contributions to nuclear and particle physics**.
 - The spokespersons met with the CERN IT: The existing computing resources will remain for the analysis stage of COMPASS with a possible reduction owing to the energy crisis.
 - Outcome of the *FRC*:
 - Budget for analysis phase is approved
 - The budget left until 2026 is 220 kSfr. The spending profile across the years has been approved
 - The spokespersons pointed to critical (or subcritical) manpower for numerous analyses. This situation triggered the discussion with *new groups to join COMPASS*, typically for dedicated analysis. This issue was followed by a discussion on the rights and obligations of new groups w.r.t. COMPASS data. In particular, the representation in the CB was discussed as well as authorship on COMPASS publications and possible restrictions. The spokespersons presented a draft for an agreement, specifically prepared for a group from Connecticut wanting to join the TMD analysis. A voting on the draft was deferred and a modified version has been asked for.

Note added: CERN (Helge Meinhard) will provide a suitable draft for all future agreements w.r.t. participation on the analysis. This also concerns the status of the group w.r.t. CERN as a host laboratory.
 - In view of the war in Ukraine authorship for COMPASS papers has been discussed. The spokespersons presented various solutions adopted or discussed within different collaborations at CERN and KEK. At present, there is no agreement among the LHC experiments, which is expected to set the scale for COMPASS. LHC and Belle (2) collaborations do not at present publish in journals and keep papers on hold (with the arXiv versions being signed with varying policies).
 - The spokespersons presented the status of a discussion with the CERN Courier on a report on the COMPASS legacy, closely linked to the COMPASS anniversary event in August 2022.
- 4) Caroline Riedl reported on the work of the spokespersons search committee (slides presented by the CB chair). The committee comprises as members: *Carlos Azevedo, Miroslav Finger, Valery Lyubovitskij, Daniele Panzieri, Caroline Riedl and Andrzej Sandacz* and *Henri Pekeler* as representative for the junior researchers. Requirements for spokespersonship still contains a guaranteed fraction of time spent at CERN of about 30-40%. The results will be reported at the next CB meeting.
- 5) Jan Matousek reported on the search for the next Analysis Coordinator (AC) following Jan himself. Owing to a lack of candidates the present solution endorsed by the analysis groups foresees shared responsibilities by TWO AC, Jan Matousek and Bakur Parsamyan. This solution was endorsed by the CB in a vote.
- 6) The spokespersons presented a document defining the transition of equipment from COMPASS to AMBER. This document has to be signed by the CB chairs and the spokespersons of both experiment as well as CERN. The discussion focused on materials related to the polarized target. No decision was taken and the document was sent for resubmission to the spokespersons and CB chair.
- Note added:** A new document has been produced within a few days after the CB meeting and has been put for electronic voting, which finished on January 12th. This document excluded critical material connected to the polarized target and was accepted by the CB. CERN requires the missing items to be added into an addendum to this agreement by end of February 2023.

- 7) Jan Matousek presented the proposal from Prague to hold the next IWHSS workshop (IWHSS23). In a discussion which also connected to the general scheduling discussion the dates were fixed to be June 26-30 with June 29/30 being dedicated to the COMPASS collaboration meeting and the COMPASS CB meeting on June 29th (!!)¹. More details on the boundary conditions and financial support are expected at the next CB meeting.
- 8) Fabienne Kunne presented the status of the Publication Committee (slides presented by the CB chair). Owing to the move of Boris Grube from TUM to JLAB the hadron expertise had to be replaced. The proposal of Wolfgang Dünneweber to follow Boris for the duration of one year was endorsed by vote. For the new composition of PubCom I refer the slides.
- 9) Gerhard Mallot presented the issue of the CB composition, which had to be raised as the existing one is based on the number of COMPASS members paying to the common fund. As such payments will cease starting in 2023, a new scheme has to be found. Gerhard presented the results from calculations based two different options (old scheme based on FRC numbers in summer 2022 and on the number of active COMPASS members as reported to Gerd by December 15th). Owing to some mismatch in numbers, the voting was deferred to an electronic vote based on revised data bases for the two options. The options have been put on vote during with deadline 29.12.22. The result will be reported at the next CB.
- 10) In a dedicated discussion the issue of new groups joining COMPASS for analysis addressed. The first group in question has been the group from Connecticut who presented themselves through a presentation by the group leader Prof. Kyungseon Joo. The full group is very strong comprising 2 research scientists, 2 PD and 8 PhD students and is funded by DOE nuclear physics. Their main activity is at JLAB and they expressed strong interest in joining analyses w.r.t. TMD and GPDs, a topic they also follow-up at JLAB (CLAS12). The presentation and the involvement in the analysis was much welcomed but the details of cooperation have to be finalized in the MoU (see comments made on the spokespersons report).
- 11) Meeting scheduling: The meeting schedule for 2023 has been discussed and a preliminary schedule had been presented. The discussion focused on schedule correlations with AMBER meetings as well as on the timing for IWHSS2023 and different proposals have been discussed on how to combine AMBER and COMPASS meetings within one calendar week (except the special events for either of the two collaborations). The spokespersons have been asked to rediscuss with the AMBER spokespersons.
Note added: a new schedule for COMPASS meetings has been produced in the meanwhile with particular emphasis on the nearby meetings. It will be presented and discussed at the occasion of the next CB meeting February 2nd 2023.

¹ Contrary to the present scheduling shown on the COMPASS Web page