

MICE Executive Board

29th June 2017; 13:30 CET

Present: ABr, CR, DK, MB, JC, PS, CW, KL, DR

Notes

1. Introduction: KL

Issues for this meeting should include a debrief on the present collaboration meeting, a discussion of the organisation of data taking in the next run and consideration of the relationship of MICE with IHEP in Protivino.

2. Minutes and actions: All

Notes had not been circulated. This would be done by email and approved at a future meeting.

The status of outstanding actions is:

- **KL:** Will revisit the MICE contributions to the JINST volume.
 - **Done.** Have agreed to propose that the technical papers on the hardware and on the s/w will be presented in the JINST volume. Our papers on data will be published in a journal agreed on a paper-by-paper basis. Proposal needs to be communicated to M. Palmer.
 - It was proposed, and *agreed*, to invite S. Wylbur to edit a paper documenting the performance of the MICE instrumentation (action **KL**).
- **CW:** with ABr and J. Boehm, would make a robust plan for magnet cover.
 - **Stands.** CW will write an memo to KL.
- **PS:** Initiate census for 2017/18 Common Fund.
 - **Done.**
- **KL:** Propose dates for collaboration meetings in 2018.
 - **Done.**

3. Discussion of CM48: All

The run-plan discussion at CM48 identified a set of measurements that should be made with the Step IV configuration that it would not be possible to complete in Cycle 2017/02. The following actions were noted:

- **KL:** Initiate discussion of possibility of exploiting ISIS Cycle 2017/03 (Nov/Dec 2017).
- **CR:** Coordinate the preparation of magnet settings for alternative optics configurations.
- **KL/CW:** Set up a review of the technical risks associated with the operation of SSD(M2) in Cycle 2017/02.
- **All/analysis teams:** Consider benefit/necessity of running with no absorber.
- **KL/CW:** Propose decision point at which to decide to re-install LiH absorber instead of continuing to push to run with LH₂.

- **SB:** In view of the time pressure under which the analysis teams in general and CR in particular are working, seek an alternative MOM to take CR's MOM shift in September 2017.

4. **MICE cooling demo in Protvino: KL**

The presentation of A. Zaitsev and the discussions that we had with him were reviewed. The difficulty of moving the MICE equipment to Protvino was noted. The benefits of discussing the future of MICE in a more general context of, e.g. nuSTORM, 4D and 6D cooling were discussed. The imperative to store equipment for long enough to make the discussion of redeployment meaningful was agreed.

Now that initial exchanges have been made its time to begin to discuss in more detail. KL will visit IHEP/Protvino in August on the occasion of the Lomonosov conference. The possibility of talking the situation over with V. Shiltsev was discussed.

5. **Planning for next wave of papers: CR**

CR pointed out that taking data in Nov/Dec implied the need for people to analyse it. Given the present situation with post-docs etc., there is a risk that the publications will be late or, in the worst case, fail to be completed.

6. **Common Fund: PS**

List of eligible members is now complete. PS will send it to R. Hayes to ask her to raise the invoices.

7. **Speakers Bureau: VP**

VP had circulated the present status of talks at the summer conferences. A short discussion of whether any new "preliminary" results could be released concluded with the agreement that we stick with present set of public results for the moment.

8. **Next collaboration meetings**

- 2017:
 - CM49 2nd to 4th October 2017
- 2018:
 - Week of 26Feb--02Mar
 - Week of: 25Jun--29Jun
 - Week of: 08Oct--12Oct

9. **DONMs:**

- 4th August 2017
- 8th September 2017

10. **AoB**

None.

Summary of actions:

- **CW:** with ABr and J. Boehm, would make a robust plan for magnet cover.
- **KL:** Initiate discussion of possibility of exploiting ISIS Cycle 2017/03 (Nov/Dec 2017).
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