

MICE Executive Board
15:00 BST Friday 5th June**Present:**

Chris Rogers, Ken Long, Paul Kyberd, Chris Booth, Paul Soler, Steve Boyd, Colin Whyte

Apologies:

Maurizio Bonesini

1. Introduction: KL

Good VC yesterday. Excellent progress. Really great and we should congratulate the analysts. On the matter of the Animation film comments have gone back to the company, expect final release in next couple of weeks. Note issues surrounding mice.iit.edu server.

2. Minutes and Actions

- No actions recorded

Minutes were accepted

3. Physics Coordinator's Report

System performance paper – second draft received.

Flip mode emittance analysis; good progress on beam matching; some strange results in emittance change for “no absorber/empty absorber” MC and even data has some questions. No detector bias/etc.

Solenoid mode emittance analysis; good progress on analysis; incorporation of systematic errors. Still some uncertainty surrounding the MC in 3-140 beam.

6D emittance analysis; starting to compare MC and recon. Still not sure how to deal with density estimation in the presence of scraping.

LiH Scattering – good progress, on first glance looks good.

LH2 Scattering – looking at tracker alignment. Concern that scattering analyses see misalignment. Misalignment appears to have momentum dependence – but not systematic; 1-4 mrad depending on misalignment analysis and beam setting. Don't understand source of misalignment. Scattering analysis solution is to “just subtract off mean of scattering distribution”. MC also shows significant “misalignment”! Measuring width of a distribution when you don't understand the mean.

4. Computing

MC generation and analysis of data is going smoothly. Dimitrije is happy to continue to contribute.

Paolo distributed an email, noting issue with iit server. Some mailing lists are problematic - possibility to use jisc. MICE notes are all held on that server, paolo has a tarball in backup. Propose setting up a DOI for them. PK proposes hosting at Brunel; also discussed archiving at RAL, potentially on PPD server or RAL library preprint. KL suggests just doing a DOI. Note that some machines need to be migrated to SL7. Chris Brew may be able to help with that. CDB backup server is already running SL7. Propose promoting the CDB backup to be the master and then replace the existing one. Possibly move things to VMs and upgrade them with possibility of roll back.

5. Deputy Spokesperson

KL – note that PK is both CB chair and deputy spokesperson. At this stage, do not view that there is a conflict. CBooth notes that he will be retiring this year. Happy to continue, but offers to let others contribute.

6. Speaker's Bureau

Only Neutrino and ICHEP continue. Both online conferences. Remote contributions. Analysts will present posters at both conferences. ICHEP talk will be presented by Jaroslaw. Referees have been set. We will reset things in November.

7. Next Collaboration Meetings

2020:

- CM57: 22/23 – October 2020; RAL
- CM58: March 2021
- CM59: October 2021

PK proposes that CM57 should be afternoon only, even if we are at RAL in person. DK agrees that this would be convenient. Could potentially do some working group meetings in the morning.

8. Date of Next Meetings

- 04Sep20
- 23Oct20 at CM57

9. AOB

No AOB