

## **MICE Executive Board**

**15:00 BST Friday 4<sup>th</sup> September**

### **Present:**

Ken Long, Chris Rogers, Colin Whyte, Steve Boyd

### **1. Introduction: KL**

No introduction.

### **2. Minutes and Actions: CR**

No actions

### **3. Physics Coordinator's Report: CR**

LiH scattering paper – a new version of the note has been produced; CR has gone through with detailed comments. It looks like it is converging.

System performance paper – MICE note has been approved to be prepared for publication; KL and CR to read and send comments on wording.

Flip mode emittance reduction paper – Paul has resolved most of the MC vs data discrepancies; work ongoing.

Solenoid mode emittance reduction paper – Tom is working his way through the angular momentum analysis. Initial results look interesting and promising.

6D emittance reduction – looks like we are struggling for resolution in energy. May need to do a “limits” analysis.

Field on scattering – Alan is investigating discrepancies between MC and data.

LH2 scattering – Gavriil is exploring details of higher moments. Potentially a bit more focus on the scattering could be beneficial.

### **4. Software Coordinator's Report: PK**

No known issues were reported.

### **5. Speaker's Bureau: VP**

Congratulations on a good job over the summer conferences.

### **6. Next Collaboration Meetings**

It will be a zoom meeting. CR will set up the indico page – KL to sign off when he gets back from vacation.

### **7. Date of next Meetings**

23<sup>rd</sup> October 2020 at CM57

### **8. AoB**

We discussed the need for a continuing activity next year. One idea was to tie March CM into muon collider cooling activity (e.g. hold an appropriately timed muon cooling workshop), subject to discussion with muon collider colleagues.

Colin asked is there available funding for STFC students to deal with Covid? Yes, it is mostly dealt with at university group level, with funds available from UKRI. For example, Tom and Craig are being looked after.

### **Actions:**

CR/KL: Organise October CM.