

Spokesman's update

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UPDATE:

- **MICE Hall:**
 - **Floor plates etc. installed:**
 - Ready for delivery of PRY legs
 - **Rack Room 2:**
 - Spectrometer and focus-coil racks delivered from DL ...
 - ... and installed
 - Cabling and other preparation work now underway
- **PRY:**
 - **First set of legs packed and ready to go in NY:**
 - Expecting delivery at RAL very soon
 - **Machining of magnetic-shielding plates underway:**
 - Parallelisation of manufacture to expedite completion
- **Services etc.:**
 - **Many “small” items:**
 - Particular examples include:
 - Flushing water for West Wall compressors; rerouting cables, ...

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STEP IV:

Installation and commissioning:

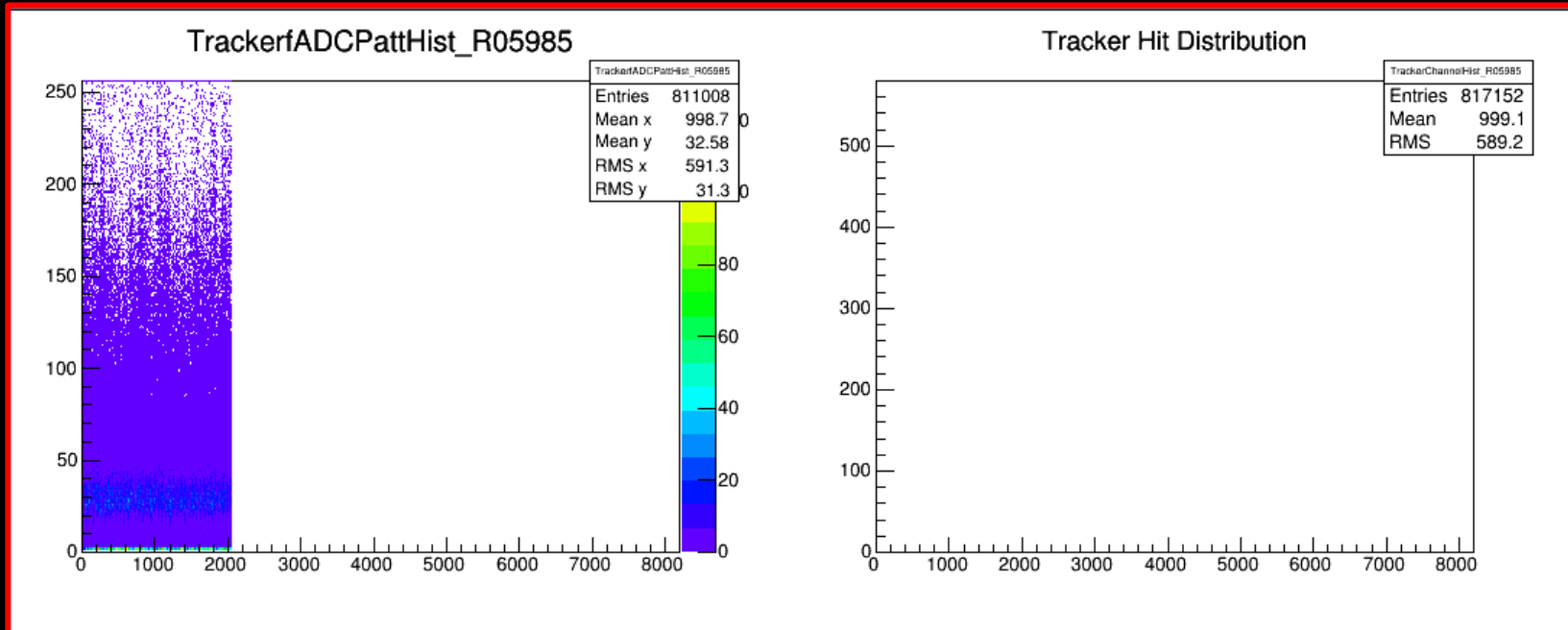
- Concerted effort in preparation for the mock data-run ...
 - ... and of course yesterday too!
- ... highlights the challenge ahead:
 - **Scheduling:**
 - Installation;
 - Maintenance and repair;
 - Commissioning and operations
- John Govans (Hall Manager) now operating a “job-card” system:
 - Week’s work discussed and agreed with the Project Manager (Roy Preece), Project Engineer (Andy Nichols) and Spoke each Friday:
 - Point is to protect technical staff from urgent requests which will “just take a few minutes” but displace tasks essential for the completion of the experiment;
- Your route into the system:
 - Programmes of work are coordinated:
 - For the construction project:
 - By the Proj. Eng. (Andy Nichols) and the work-package managers;
 - For the operations:
 - By the Operations Coordinator (Steve Boyd) and the system coordinators;
 - The MICE Integration Scientist (Pierrick Hanlet) and the Beamline Integration Scientist (Jaroslaw Pasternak) have the responsibility of bringing issues of coordination to the MIPO and MEMO so that the activities can be dove-tailed.
- Please be part of the solution:
 - Plan your work early and send in the request ...
 - ... minimise your stress by passing on your requirements before they become issues!

Preparation for for data taking:

- **Shifts:**
 - Data taking time reduced by a factor of two if we have to run 16/5 rather than 24/7
 - Shift tool CHEESE released to Group Leaders (CB):
 - Please complete the shift personnel for your group:
 - By CM41 we need to be sure we can run a safe operation
 - » This is a hard deadline for a hard decision!
- **Next MICE data run:**
 - 08Mar15 in coincidence with the ISIS activation run:
 - Identified that closing the Hall for the day does not conflict with the PRY installation;
 - So, have agreed with Roy Preece that 08Mar15 will be reserved for MICE operation/data taking:
 - This is the next major operations/commissioning milestone;
 - » Need to prepare and be ready to take good data!

Mock data-run:

- Debrief from protagonists to follow, so only a word from me ...
 - **Congratulations!**
 - **Most of our systems brought up and operated;**
 - A very important step!
 - **A list of issues to be addressed gathered:**
 - Need to discuss, prioritise and address:
 - » Of course, as many as possible by 08Mar15



Papers:

Table 2: Physics and technical papers being prepared by the collaboration.

Title	Lead authors
Step I physics	
Electron Muon Ranger: performance in the MICE Muon Beam Progress/drafts will be presented at CM41	A. Blondel, F. Drielsma, R. Asfandiyarov
Measurement of the pion contamination in the MICE Muon Beam	D. Orestano, D. Nugent, P. Soler
Step IV physics	
Commissioning of the MICE experiment in the Step IV configuration Work organised; focus on getting experiment off the ground	C. Rogers
Ionization cooling demonstration	
Design and expected performance of the MICE demonstration of ionization cooling 18Dec14; lattice freeze (milestone, complete)	V. Blackmore, J. Pasternak, C. Rogers
Technical (final tweaks now underway); JBL editor.	
The MICE target upgrade Draft being assembled.	C. Booth
The design construction of the MICE Electron Muon Ranger Draft being assembled.	R. Asfandiyarov, A. Blondel, F. Drielsma
The Reconstruction Software for the MICE Scintillating Fibre Trackers Updated draft to be presented at CM41	S. Dobbs Draft being assembled.
The MICE Analysis and User Software framework	D. Ragaram

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CM41



MICE CM41

9-11 February 2015
Rutherford Appleton Laboratory
Europe/London timezone

WELCOME TO THE MICE CM41 PAGE

- Overview
- Timetable
- Registration
 - Registration Form
- Participant List

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The 41st Muon Ionization Cooling Experiment (MICE) Collaboration Meeting will be held at the Rutherford Appleton Laboratory between the 9th and 11th February 2015.

Conference fee to be announced

Shift training will take place on the 12th and 13th February 2015.



Starts 9 Feb 2015 08:00
Ends 11 Feb 2015 16:00
Europe/London



Rutherford Appleton Laboratory

- **Please register!**
 - **Agenda is going live now ...**
- **Reminder:**
 - **No EU passport holders require a letter of invitation:**
 - **All you have to do is ask Debbie or Rose:**
 - **MICEAdmin@stfc.ac.uk**