

KURRI FFAG MEETING 12/10/2017
BlueJeans VC meeting

Attendees:

S. Sheehy – Oxford
D. Kelliher, S Machida, C Prior – RAL/ISIS
J. B. Lagrange, CERN
Y Ishi, T Uesugi, Y. Mori - KURRI

1. Ishi-san:

- LINAC – all the tanks seem OK. There is not as much intensity as before but it may improve. The ion source itself is not quite producing as much as before.
- Injection has been achieved into the main ring and acceleration up to 110 MeV. There is still some fast beam loss thought to be due to resonance crossing.
- At the FFAG'17 workshop the beam was observed at entrance to the F magnet of the MERIT experiment. Next they will try to observe beam on a screen monitor in the location of the stripping foil.
- No significant change in terms of beam loss in the MR. Operating point has been changed so the beam loss point (time-wise) have changed a bit. They have tried to avoid the half integer.
- He showed the current planned schedule. However, this schedule hasn't included MERIT experiments yet, so need to incorporate plans. Ishi-san suggests end of November to some time in December or maybe in March, RAL/Oxford team will have a look at their schedule as well.

Discussion on potential study topics:

- Longitudinal studies should probably be prioritised in order to improve the performance of the current facility.
 - Down-prioritise the dynamic aperture measurement for now, to ensure we can improve the machine with good performance for other experiments.
 - Tomography? Has previously been looked at (C. Prior?) but we don't have any tomography software ready to go. So we would need this in place.
 - Further discussions/planning to happen, will be presented at next meeting.
2. Mori-san joined the meeting for discussion on schedule/MERIT
- Hope to get beam for MERIT by the end of this month (October).
 - Mori-san may need the Nov – Jan to get some results for MERIT.
 - In this case RAL team may be better to aim at experimental visit in March 2018.
 - Updated schedule will be circulated.

Next meeting will be the in 5 weeks on 16th November.