Minutes of KURRI-FFAG collaboration meeting (SM)
15:00 – 16:15 BST, 7 June 2012

1. We started the meeting at one hour later than usual.
2. In Chris R. 's Maus simulation, it was suggested to change the step size of integration. Simulation showing a spiral out trajectory seems unphysical unless there is strong quarter resonance excitation or something else which we do not know.
3. Equilibrium may not be flat if there is energy drift due to foil scattering.
4. Tune variation over the momentum range seems large. Mori-san remember it should be less than 0.1 although Chris R. 's calculation shows more than that.
5. In Shinji M. 's simulation, it is inevitable to have complete mismatch in longitudinal phase space. Linac beam has small momentum spread but spread out all the phase.
6. From the comparison by Chris R., the emittance blow up due to space charge and foil scattering is comparable. Chris R. will try to use OPAL with help of Suzie to include both space charge and foil scattering.
7. In ERIT, there are beam prove and bunch monitor. They have not measured tune.
8. Mori-san explained situation in Japan and prospect of beam study. Beam time until February 2013 is all occupied by ADSR study. Beam experiment with ERIT machine cannot be done at least until March 2013.
9. In the mean time, there is a lot of pressure to increase beam current of ADSR FFAG main ring. Any collaboration on this machine is welcome.
10. Mori-san will give us parameter sheet and field map of ADSR main ring magnet as soon as possible.
11. DAIWA application was not successful. Recently funded projects can be seen on http://www.dajf.org.uk/grants-awards-prizes/recently-funded