Minutes of KURRI-FFAG collaboration meeting (SM)
14:00 – 15:30 BST, 12 April 2012

1. In Shinji Machida's talk, it is not clear whether the behavior in a perfect lattice is physically sensible. Why there is no resonance type effect such as emittance growth? Is this because of amplitude dependent tune shift in a FFAG lattice? Need more study.
2. Aperture is 1 m, and there is no beam loss in the time scale of the simulation.
3. In Chris Rogers's talk, comments on Geant4 simulation, specially its choice of time step were made. In Maus simulation, time step is not an issue.
4. Closed orbit was shifting due to energy loss. It is reasonable observation.
5. Mori mentioned the importance of the initial emittance and its twiss parameters to compare simulation results from two different codes.
6. In the real machine, it is hard to measure the matching at the injection point. It is possible to measure linac emittance and its twiss parameter. However, there is only one or two quadrupole between linac and ERIT. There is not many knobs to make a matching. Also near the injection point, a beam goes through fringe fields area and hard to model optics over there.
7. Emittance matching in the experiment is one issue for the proposed experiment. In the original ERIT experiment for neutron production, it was not an issue.