

## KURRI FFAG MEETING 23/10/2014

### Google+ hangout meeting

#### Attendees:

S. Sheehy, D. Kelliher, S. Machida, C. Rogers, C. Prior, RAL  
Y. Ishi, T. Uesugi, Y. Kuriyama, KURRI  
M. Haj Tahar, BNL  
D. Bruton, Huddersfield  
A. Adelman, PSI

#### Minutes

1. S. Sheehy presented a plan for simulation work which had been developed at the FFAG workshop.
  - a. Two main directions for simulation toward the KURRI FFAG experiments and general high intensity studies in FFAGs with code development.
  - b. Any stage-zero studies should be compared to existing simulation from KURRI team.
  - c. Simulation tool is not limited to Zgoubi and OPAL although this plan was initiated at the Zgoubi/OPAL mini-workshop at BNL.
  - d. The idea of modelling the KURRI ring with the RF cavity, septum, “patch” etc and their influence on the magnetic field was discussed. This probably needs a detailed TOSCA simulation.
  - e. The simulation plan document needs some updating. S. Sheehy & S. Machida will update and circulate.
2. S. Sheehy presented a note on the first paper on KURRI experiment.
  - a. We now identify main contributors of each chapter. Writing should be done with frequent communication among those main contributors. Email exchange of this communications should be cc'd to Suzie as well.
  - b. Ishi-san will be included as a main contributors in most of chapters.
3. Y. Ishi discussed the machine schedule in early 2015 (plans to install additional RF cavity) and told us of plans to install a wider foil and make measurements in coming weeks.
  - a. Installation of 2nd cavity will be in January or February 2015. However, powering the cavity may need another few months.
  - b. Experiment of the 2nd cavity effects (COD will be larger by Ishi-san's estimation) will be done first.
  - c. RAL team plans the next major involvement in the experimental study in spring 2015 (at least not until the end of this year).

4. [hadron.kek.jp](http://hadron.kek.jp) server will be relocated to KURRI. Mori-san and Kuriyama-san are working on this.
5. Next meeting to be held on Thursday Nov. 20th.