

KURRI FFLAG MEETING 18/01/2018
BlueJeans VC meeting

Attendees:

D. Kelliher, S. Machida – RAL/ISIS
J. B. Lagrange, CERN
Y. Ishi, T. Uesugi, H. Okita, Y. Fuwa- KURRI

1. Ishi-san:
 - ADSR experiment just started until the first week of March.
 - Beam current is low than before. There are several reasons.
 - i. Vertical tune is limited (cannot go beyond 817A in BF).
 - ii. Linac peak current is 10 times lower.
 - iii. Machine configuration is different. Some of equipment is removed.
 - iv. Corrector setting is different and COD should be different.
 - v. Intensity limit is observed at injection energy.
 - Machine tuning continue during the ADSR experiment.
 - Ishi-san think it is best to install second rf system without rf power before investigating the details.
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2. Plan proposed
 - After ADSR experiment, installation of second rf cavity and core should be done. It takes about three weeks, almost entire March.
 - RF power source needs some plumbing work so that the second rf cavity is just sitting there, but it defines the major COD source, which is independent whether the cavity is on.
 - Start beam study to investigate the machine in April until summer.
 - MERIT experiment may need time in the same period.
 - UK group are welcome to join the beam study from April until summer even though it may not be on the subjects they initially prepared.
 - ADSR experiment is not planned until next year once the present run finishes. Other users are internal and flexible.
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3. Other
 - Internship students (two) will come from May for three months.
 - They have to write a report at the end.
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4. Next meeting is set at 1 March 2018