

Minutes of the 91st Machine-Time Committee Meeting

Date and time: September 4, 2015; 13:30–15:00

Place: RIBF Bldg., Room 203

Attendees: Sakai^a (Chair), Fukunishi^a, Kamigaito^a, Kase^a, Okuno^a, Sakurai^a, Shimoura^b, Ueno^a, Uwamino^a, Wakasugi^a, Yamaguchi^b, Imai^{d,†}, Haba^{a,†}, Motobayashi^{a,†}, K. Yoshida^{a,†}, Otsu^{a,†}, Tanaka^{a,†}, Kishimoto^{a,†}, A. Yoshida^{a,†}, Inabe^a (in lieu of Kubo), Yoneda^a

Absent: En'yo^{a,†}, Abe^a, Kubo^a, Miyatake^c, Morimoto^a, Uesaka^a, Morita^{a,†}

^aRNC / ^bCNS / ^cKEK / ^dRIBF-UEC / [†]Observer
(in random order)

Reports

1. Current Status of the Machine Time Operation (Yoneda)

The current status of the machine time operation was reported. After the last MT committee meeting, experiments were conducted only on weekends. The MT operation was suspended on August 3, and was resumed on the weekend of the last week in August.

2. Report on preserving research records (Yoneda)

A status report on research record preservation was made. It turns out that the research record of almost all the experiments performed before July was completed.

3. Status of PAC Meetings (Yoneda)

- 16th NP-PAC: (12/3 - 5)

The call for proposals will be issued in mid-September, with the proposal submission deadline of October 22.

- 12th ML-PAC: (to be held in July):

The schedule is under consideration, based on the backlog of experiments using the low-energy facility and the status of the RAL experiments.

- 4th In-PAC: nothing has been finalized about the next PAC.

Topics discussed

1. Approval of Minutes of Previous Meeting (Sakai)

2. Application of Machine Study

- Machine study for fare-paid experiments (A. Yoshida)

A machine study for fare-paid experiments was proposed. A fare-paid experiment at E5A with a ⁴⁰Ar beam is scheduled in December, and the capability of range control etc. will be checked in advance. Two and a half hours of ⁴⁰Ar beam will be allocated on September 31 following biology experiments.

As a result of review, a 2.5h of machine study was approved as requested.

3. MT schedule in latter half of FY2015 (Sakai)

The MT schedule plan for the second half of FY2015 was proposed and reviewed by ULIC. As announced in the last MT committee meeting, the acceleration of ^{238}U will be started after the scheduled power outage on October 11, and the experiments including an ImPACT experiment will be conducted for about a month. The beam will then be switched to ^{48}Ca , and the S-rated experiment NP1312-SAMURAI21 will be performed. An experiment of the low-energy part tentatively allocated for late November was cancelled according to a user's request. Accelerator-use Planning Sheets for all the experiments have been submitted, and the safety review is almost completed. A few experiments still under review will soon be completed with small corrections.

As a result of review, the MT schedule was approved as proposed by ULIC.

4. Yearly MT plan in FY2015-16 (Sakai)

The outline of the MT schedule plan in FY2015-16 was shown by ULIC, and opinions were exchanged. The use of ^{238}U is planned for next spring. The schedule after spring will be fixed after the operation budget of the next fiscal year becomes clear. There is still a possibility of running the new RIBF facility for 8 months, the decision of which will be made late in December. Concerning the ^{70}Zn beam delivery plan to increase beam intensity from RILAC2, the change in regulation related to radiation is required, and will become possible in the latter half of the next fiscal year. It was also pointed out that the ion source test with the RILAC2 ion source is necessary. A request was also made for the MT operation to be conducted not only on weekends but also on weekdays during summer when 8-month operation is realized.

5. Change of NP-PAC Proposal Cover Page (Yoneda)

ULIC proposed to change the NP-PAC proposal cover page attached to the experiment proposals. The proposed change involved removing the phrase "In-house contact person" given by the proponents if they want, since the role of the contact person is not defined. As a result of discussion, the "in-house contact person" is left as it is, since there are some cases where the contact person helps to obtain information on proposed experiments.

6. Beam plan on the NP-PAC Call for Proposals (Yoneda)

The plan of the beam species to be used in the coming two years described in the NP-PAC call for proposals, was discussed, and was decided as follows:

Fiscal Year 2016: ^{238}U , (Light ions, ^{48}Ca , ^{70}Zn , ^{78}Kr , ^{124}Xe)

Fiscal Year 2017: (open)

7. Next Meetings

- The next meeting will be held at 3pm on Tuesday, October 20, 2015.
- The meeting after the next will be held at 3pm on Tuesday, November 17, 2015.