

## Minutes of the 33rd MT Committee Meeting

Date and time: May 18, 2010; 13:30–15:00

Place: Nishina Bldg., Room 201

Attendees: Sakai (Chair), Kamigaito, Ueno, Uwamino, Kase, Kubono (CNS), Shimoura (CNS), Kambara, Kubo, Fukunishi, Uesaka (UEC observer), Motobayashi (observer), En'yo (observer)

Absent: Sakurai, Wakasugi, Morita

(no particular order)

### Reports

#### 1. Accelerator operation status report

- Status of the  $^{48}\text{Ca}$  beam delivery to the ongoing BigRIPS experiment was reported

#### 2. Call for Beam-time scheduling requests for BigRIPS-based experiments

- In compliance with the decision made by the directors of the RIKEN Nishina Center and Center for Nuclear Study, University of Tokyo, the beam-time scheduling requests are being accepted only for the following BigRIPS-based experiments which will be ready to run this autumn, from the beginning of October to the middle of December, 2010 (deadline is June 6)
  - BigRIPS / ZeroDegree / SHARAQ experiments with  $E/A=250$  MeV primary beams (i.e., AVF injection) of around three weeks duration in October
  - BigRIPS / ZeroDegree experiments with  $E/A=350$  MeV  $^{48}\text{Ca}$  primary beams of around 5.5 weeks duration in November and December
- Important dates after the deadline (June 6) including AVF/RILAC/RRC experiments are:
  - June 7-11: Preparation of BT-plan based upon requests
  - June 14-18: Trimming and finalizing the plan
  - July: Call for BT scheduling requests for AVF/RILAC/RRC experiments
  - July-August: Safety review and BT-plan making of AVF/RILAC/RRC experiments
  - September: Approval by the MT committee
- The following tentative two-year plan has also been proposed to promote efficient beam-time allocation for BigRIPS-based experiments.
  - Autumn 2010: 250A MeV (AVF injection) beams, &  $^{48}\text{Ca}$  (current call)
  - Spring 2011:  $^{124}\text{Xe}$ , & 250A MeV (AVF-injection) beams
  - Autumn 2011:  $^{238}\text{U}$  & Xe
  - Spring 2012: (open)

#### 3. Preparation for PAC meetings

- NP-PAC: Replacement of PAC members and the number of proposals received were reported.
- ML-PAC: The call for proposals for RIBF is open to May 21.
- PAC of the Sharing Advanced Facilities for Common Use (Common Use PAC): The second Common Use PAC will be held on Wednesday, June 30, 2010, at 14:00. Proposals can be submitted at any time.

## **Discussions**

### **1. The minutes of the 32nd meeting were approved**

### **2. Letter of Intent (LoI)**

- Up to now, the LoI was not reviewed by the PAC, but at the upcoming NP-PAC, to be held June 14-15, the PAC will be asked to review the documents submitted this time.

### **3. Coming second half-year BT allocation**

- Allocation procedures and other issues related to the Xe-beam commissioning with a new injector RILAC-II were discussed.

### **4. Proposals using RIBF submitted to ML-PAC**

- “Non-nuclear physics” proposals using the RIBF facility are reviewed in the ML-PAC, whose beam time scheduling largely depends on RAL operation. It was pointed out that under this scheme, the approved experiments by ML-PAC might be kept waiting for a half year or more before allocation for the next BT-scheduling request call.
- It is, however, not practical to set up a new PAC given the small number of non-nuclear proposals. Also, the NP-PAC does not have the required specialists. Therefore it was decided to continue to review RIBF non-nuclear proposals within the ML-PAC as in the past.

### **5. Backlog related with BigRIPS MT**

- There was discussion of how to deal with the backlog experiments proposing to use primary beams such as  $^{78}\text{Kr}$  or  $^{76}\text{Ge}$ , which are not scheduled in a short term by the institute initiative, replacing priorities on  $^{124}\text{Xe}$ - and  $^{238}\text{U}$ -beam developments.
- It was decided to refer this issue to the MT committee chair, the NP-PAC chair, and the RNC deputy director at the upcoming NP-PAC.

### **6. Next MT Committee meeting**

- The next MT committee meeting will be held on Friday, June 18, 2010, at 13:30.
- From July, the meeting will be held on every third Friday of the month.