

# Minutes of the 41st Machine-Time Committee Meeting

Date and time: February 25, 2011; 13:30–14:50

Place: Nishina Bldg., Room 201

Attendees: Sakai<sup>a</sup> (Chair), En'yo<sup>a,†</sup>, Fukunishi<sup>a</sup>, Hayashi<sup>a</sup> (on behalf of Abe), Henning<sup>a,†</sup>, Kambara<sup>a,†</sup>, Kase<sup>a</sup>, Kubo<sup>a</sup>, Kubono<sup>b</sup>, Motobayashi<sup>a,†</sup>, Morita<sup>a</sup>, Sakurai<sup>a</sup>, Shimoura<sup>b</sup>, Teranishi<sup>c,†,‡</sup>, Ueno<sup>a</sup>, Uwamino<sup>a</sup>

Absent: Abe<sup>a</sup>, Kamigaito<sup>a</sup>, Wakasugi<sup>a</sup>, Yoshida<sup>a,†</sup>

<sup>a</sup>RNC / <sup>b</sup>CNS / <sup>c</sup>RIBF-UEC / <sup>†</sup>observer / <sup>‡</sup>TV attendees  
(in no particular order)

## Reports

### 1. Current beam-time operation

- Beam-times are running as scheduled.
- Trouble with BigRIPS cryogenic system (Kubo)  
There are problems with the freezing of a turbine in cryogenic system of the STQ1-5. The BigRIPS team is currently heating the turbine.
- Status of <sup>124</sup>Xe commissioning with RILAC2 (Fukunishi)  
A <sup>124</sup>Xe beam was successfully extracted from RILAC, RRC, and fRC. The commissioning with SRC will start from the middle of March.

### 2. Status of the PAC meetings (Ueno)

- 9th NP-PAC (Jun./24-25): The commissioning eight new PAC members is in progress.

## Topics discussed

### 1. Approval of the minutes of the 40th meeting (Sakai)

### 2. BT requests for the Detector Development (DD) & Machine Study (MS) categories (Sakai)

The following DD and MS proposals were presented and approved

- Detector Development
  1. “Acceleration test of <sup>40</sup>Ca beam with the energy of 5.98 MeV/u at AVF” by H. Ishiyama (KEK) *et al.* (BT request: 1 day for a <sup>40</sup>Ca beam at  $E/A = 5.98$  MeV & *max* pnA from AVF single operation).
- Machine Studies (RIBF phase-II device commissioning)
  1. “SHARAQ beam-transport commissioning” by S. Michimasa *et al.* (BT request: 1 day for a <sup>18</sup>O beam at  $E/A = 250$  MeV & 100 pnA from SRC).
  2. “GARIS-II commissioning #2” by D. Kaji *et al.* (BT Request: 2 days for a <sup>40</sup>Ar beam at  $E/A = 6$  MeV & 1,000 pnA from RILAC).
- Machine Studies (Accelerator commissioning)
  1. “Acc. commissioning with <sup>86</sup>Kr #1” (BT request 6 days)
  2. “Acc. commissioning with <sup>238</sup>U” (11 days)
  3. “Acc. commissioning with polarized *d*” (1 day)

4. “Acc. commissioning with  $^{48}\text{Ca}$ ” (7 days)
  5. “Acc. commissioning with  $^{86}\text{Kr}$  #2” (5 days)
- Machine Studies (BigRIPS commissioning)
    1. “BigRIPS commissioning with a  $^{124}\text{Xe}$  beam” (6 days)

### 3. FY2011 first half-year BT allocation (Sakai)

- Proposed BT schedule

The proposed BT plan for the first half of FY2011, discussed in the MT Committee preparatory commission meeting held on Feb. 8 (Members: Sakai, Fukunishi, Inabe (on behalf of Kubo), Kamigaito, Kase, Kubono, Nakagawa, Uesaka, and Ueno), was presented. After discussion, the proposed plan was approved.

- BT scheduling procedure (Ueno)

- Jan. 17-29: Call for BT scheduling requests & Detector development BT requests
- Mid Feb.: Tentative BT schedule
- Feb. 25: Approval of BT schedule by MT Committee
- End Feb.: Submission deadline of Accelerator Use Planning Sheet
- Mar. 11: In-House Safety Review Committee meeting

### 4. Next meeting

The next MT Committee meeting will be held on Thursday, March 24, 2011, from 13:30 to 15:00.