RIBF User Group Town Meeting

2025/09/16
@ JPS Hiroshima

Agenda

1) Report on RIBF UEC activities (Miki)

2) Report from Nishina Center (Yoneda)

3) Others

   – Anything ?

Report on RIBF UEC activities

Kenjiro Miki
For the RIBF Users Executive Committee

Current UEC Members and Their Roles

- Members

Chair : K. Miki
Vice Chair : F. Minato
Vice Chair : S. Ota

&

Y. Kondo, H. Liang, T. Miyagi,
S. Naimi, D. Nishimura,
H.J. Ong, P. Schury, K. Yoshida

Green: New members from 2025

- Roles
  - Town meeting : F. Minato, K. Yoshida
  - Web Page : P. Schury, H.J. Ong
  - Users meeting : D. Nishimura, Y. Kondo
  - Thesis award : H. Liang, T. Miyagi
  - User manage. : P. Schury, H.J. Ong
  - Suppl. member : S. Naimi
  - MT Committee : K. Miki

If you have any suggestions or claims,
please feel free to contact us !

Activities of UEC and Today's report

- Regular town/online meetings
- RIBF Users Meeting
- RIBF Users Group Thesis Awards
- Conference calendar update (regularly)
- MT committee report
- Status of Users Group Registration & ML
- Survey of requests to RNC

Users Meeting

Organizers:
D. Nishimura, Y. Kondo

UM: Users Meeting
ADRIB: RIBF upgrade workshop

- Hold **UM** and **ADRIB** in series (as done in last time)
  - UM: Mar. 4, 2026 (Wed)
  - ADRIB: Mar. 5-6, 2026 (Thu-Fri)

  UM will be held in a hybrid manner.

- Any suggestions to improve ?
  (based on the experience last year etc.)

Thesis Award

Organizers:
H. Liang, T. Miyagi

Dr. Akane Sakaue

" Observation of double Gamow-Teller transition at high excitation energies by the (^{12}C, ^{12}Be(0^+_2)) reaction at 250 MeV/nucleon "

(Kyoto University, 2025)

Congratulations !

The award presentation and ceremony are scheduled
to take place during the Users Meeting.

Requests to Nishina Center

Organizers:
UEC Chairs

- Next call for requests: Scheduled in Feb. 2026 (every 2 years)

- Quick review of last requests

1. Future Plans
- “Enhancing the visibility of the RIBF future plan”

UEC members have been joining organization of ADRIB to connect future plan and users group

2. Machine Time
- "Earlier decision and notification of machine time"

Improvements in the last season (announced 3 month before). But it was late for the next season. (Explanation by Yoneda-san?)

3. Conducting Experiments
- “Establishing a platform for sharing information on RIBF experiments”

some communication tools have been arranged around RIBF (might be a coincidence)

4. Nuclear Data
- "Ensuring continuous update of nuclear data"

5. Promoting Theoretical Research
- “Providing opportunities for long-term workshop”

6. Others
- “Promoting Mini-Workshops”

Unclear.
Send us further requests next time if necessary.

RIBF Status Report

Ken-ichiro YONEDA

User Liaison Group

RIKEN Nishina Center

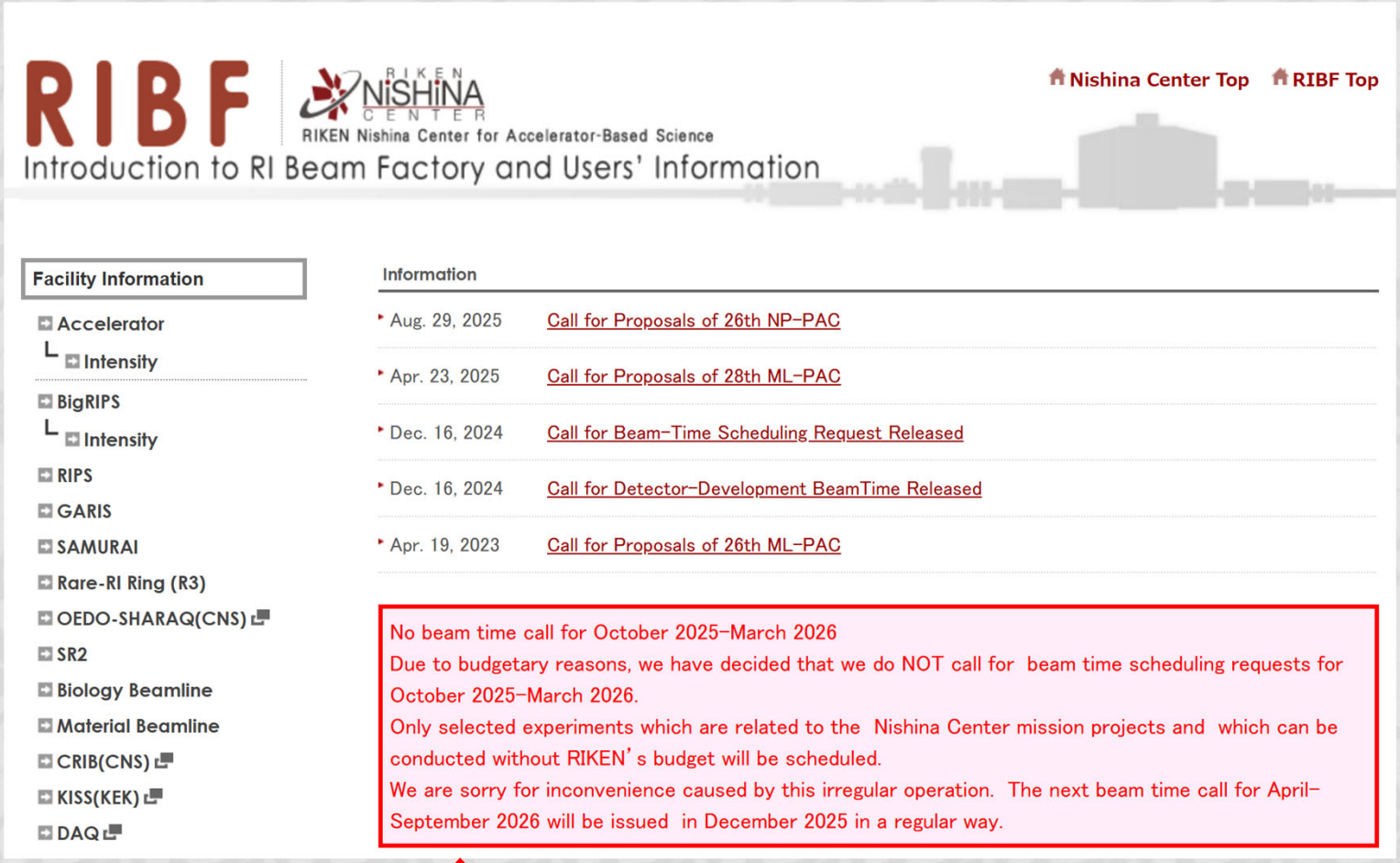
RIBF User Group Town Meeting
Hiroshima University, September 16, 2025

- Restriction in RIBF operation in 2nd half 2025
- RIBF operation in 1st half FY2025
- Recovery from hardware trouble
- MT plan in 2nd half FY2025
- NP-PAC meeting

Restriction in RIBF operation in 2nd half 2025

RIBF web page

https://www.nishina.riken.jp/RIBF



RIBF

RIKEN NISHINA CENTER

RIKEN Nishina Center for Accelerator-Based Science

Introduction to RI Beam Factory and Users' Information

Nishina Center Top | RIBF Top

Facility Information

- Accelerator
  - Intensity
- BigRIPS
  - Intensity
- RIPS
- GARIS
- SAMURAI
- Rare-RI Ring (R3)
- OEDO-SHARAQ(CNS)
- SR2
- Biology Beamline
- Material Beamline
- CRIB(CNS)
- KISS(KEK)
- DAQ

Information

- Aug. 29, 2025 Call for Proposals of 26th NP-PAC
- Apr. 23, 2025 Call for Proposals of 28th ML-PAC
- Dec. 16, 2024 Call for Beam-Time Scheduling Request Released
- Dec. 16, 2024 Call for Detector-Development BeamTime Released
- Apr. 19, 2023 Call for Proposals of 26th ML-PAC

No beam time call for October 2025–March 2026
Due to budgetary reasons, we have decided that we do NOT call for beam time scheduling requests for October 2025–March 2026.
Only selected experiments which are related to the Nishina Center mission projects and which can be conducted without RIKEN's budget will be scheduled.
We are sorry for inconvenience caused by this irregular operation. The next beam time call for April–September 2026 will be issued in December 2025 in a regular way.

↑ Message from Nishina Center Director

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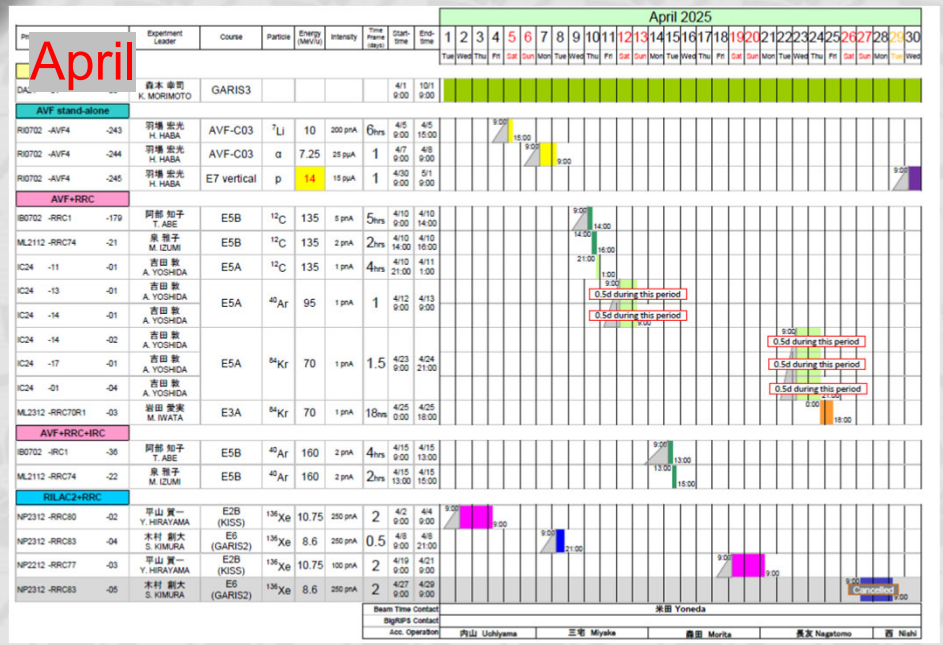
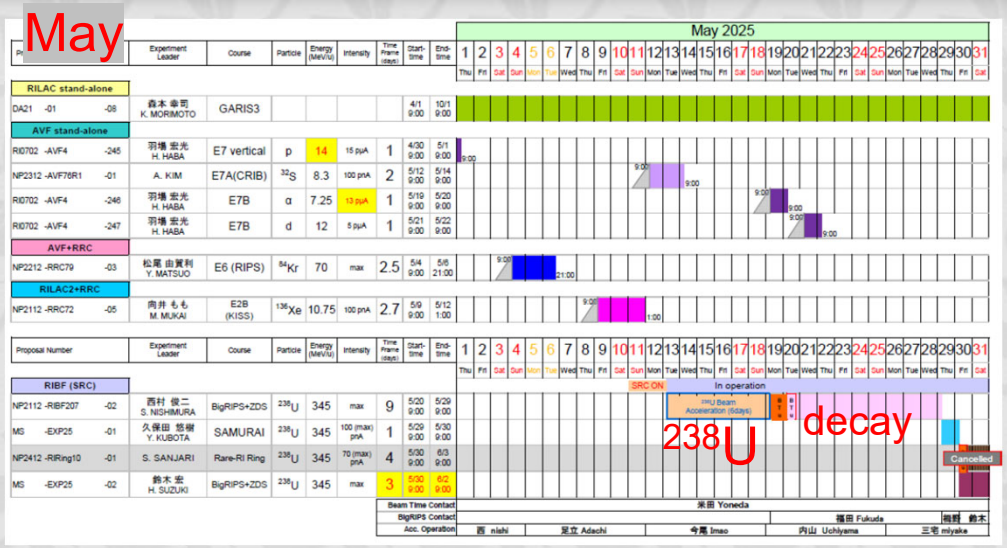
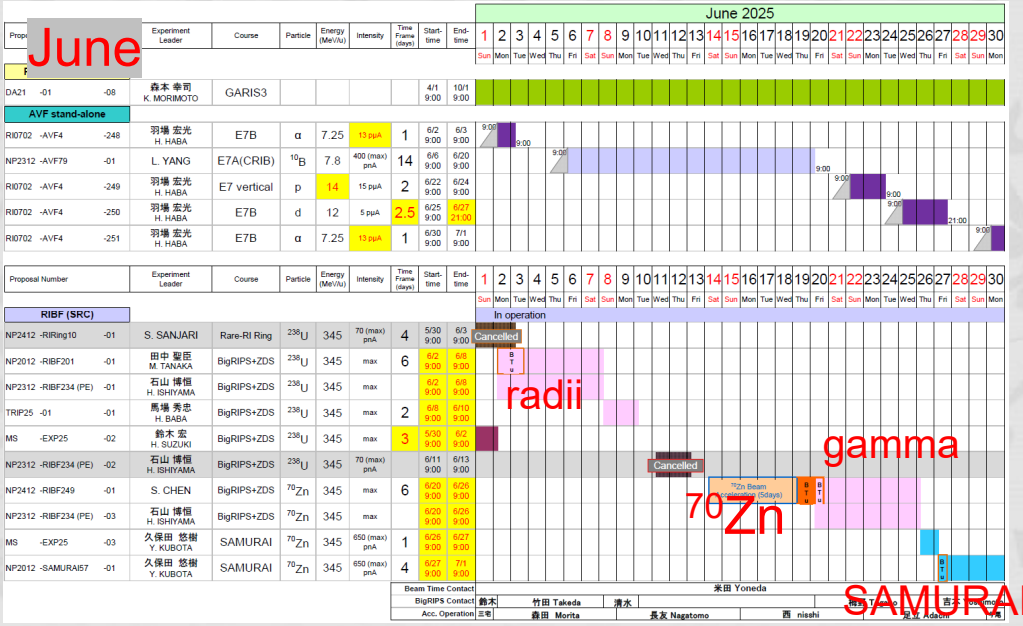
- NO regular beam time call for 2nd half FY2025
- Only experiments chosen by the Director and conducted with external budget
- Next call for 1st half FY2026
  → will be issued in December in a regular way

RIBF operation in 1st half FY2025



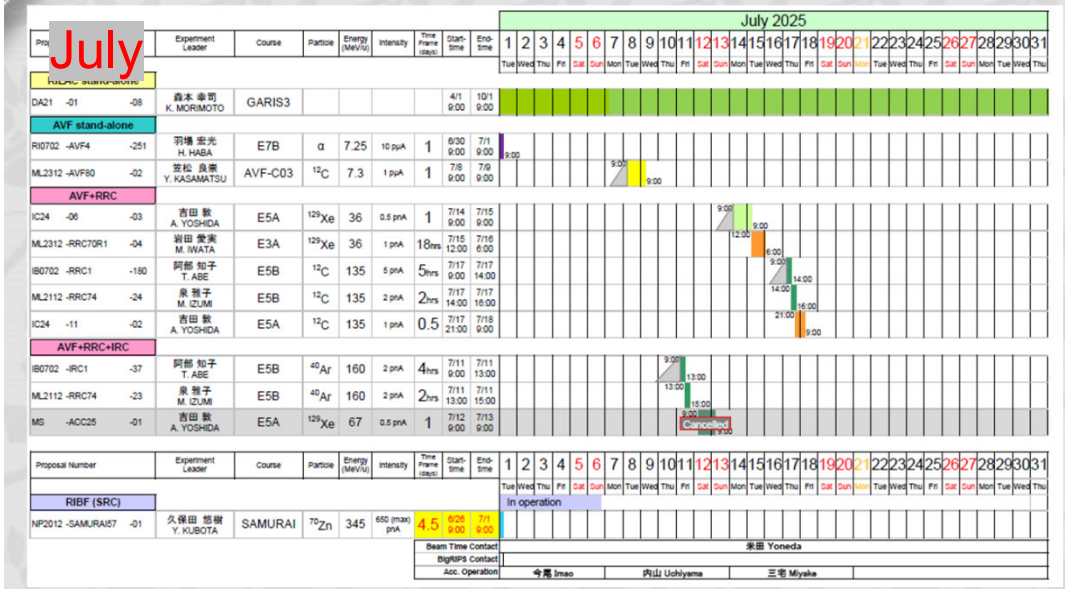




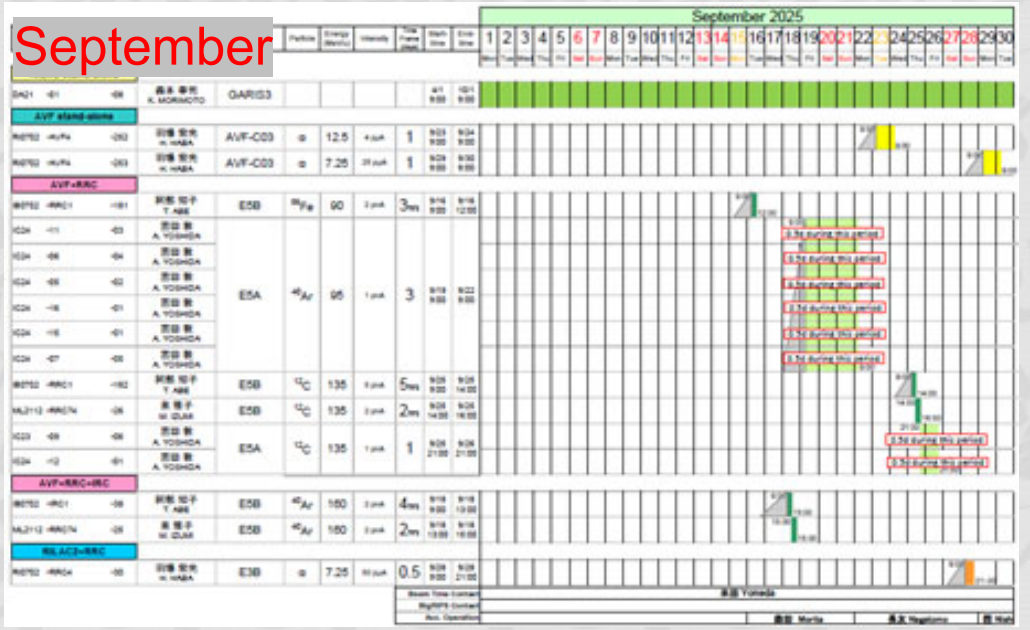
https://www.nishina.riken.jp/rarfmt/pc.html

RIBF operation in 1st half FY2025

July



September



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Recovery from hardware trouble

A transformer for fRC RF got broken on May 31 (Sat).
Recovery was made in 1 day.

400V → 4.25kV
> 200kg

This breakdown occured in
2022, 2024, 2025.

→ A new model is being designed.

MT plan in 2nd half FY2025

- SRC-BigRIPS … 1 week in November
  only Director's time (no PAC experiment)

- Low-energy facility …
  only "paid" experiments

NP-PAC

Next 26th NP-PAC

To be held in December 3-5, 2025

Proposal submission deadline: October 2

Latest information is given in:

https://www.nishina.riken.jp/RIBF/NP-PAC/index.html