RIBF User Group Town Meeting

2026/03/23
@ Online

Agenda

1) Report on RIBF UEC activities (Miki)

2) Report from Nishina Center (Yoneda)

3) Anything else from Users or RNC ?

Report on RIBF UEC activities

Kenjiro Miki
For the RIBF Users Executive Committee

Current UEC Members

[Apr. 2023 - Mar. 2027]

Exp.
- K. Miki : Tohoku
- D. Nishimura : Tokyo City
- P. Schury : KEK

Theory
- F. Minato : Kyushu
- H. Liang : Tokyo

[Apr. 2025 - Mar. 2029]

Exp.
- S. Ota : RCNP
- Y. Kondo : RNC
- H.J.Ong : IMP, CAS
- S. Naimi : IJCLab

New chair
Apr. 2026-

Theory
- K. Yoshida : RCNP
- T. Miyagi : Tsukuba

Roles (- Mar. 2026)
- Chairs&Election : K. Miki, F. Minato, S. Ota
- 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. : “Web Page” + Y. Kondo
- Suppl. Member : S. Naimi
- MT Committee : K. Miki

Activities of UEC and Today's report

- Regular town/online meetings
- RIBF Users Meeting
- RIBF Users Group Thesis Awards
- MT committee report
- Management of Users Group Registration & ML
- Survey of requests to RNC

Report of Users Meeting

- Hold **UM** and **ADRIB** in series again

UEC deeply appreciates cooperation by ADRIB OC !

  - UM: Mar. 4-5 (Wed-Thu) ← Hybrid
  - ADRIB: Mar. 5-6 (Thu-Fri) ← Onsite

UM: Users Meeting
ADRIB: RIBF upgrade workshop

UM registrants: 97 (20% increase from last year)

- This UM
  - Special talks of near future plans of each collaboration. Strong perspectives!
  - Request to RIBF was not very much, seems satisfied (Unexpected to UEC)

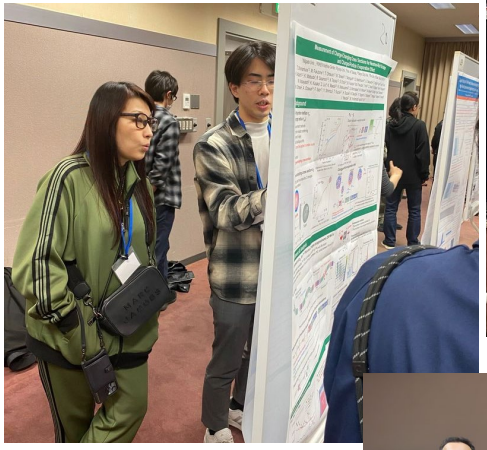
- Next UM?
  - ADRIB → Physics oriented, Individual talks
  - UM ?
    - Place for more specific practical discussion ?

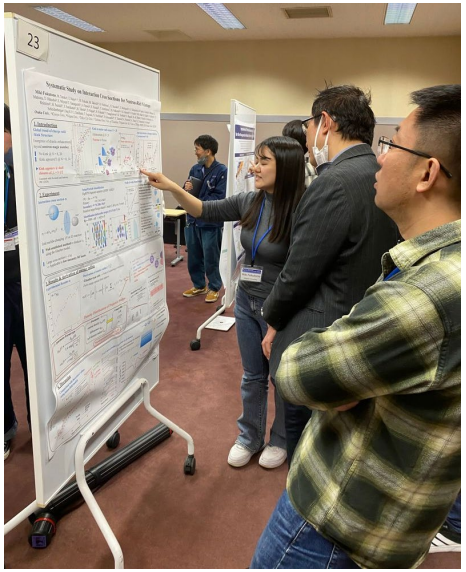
      1day: Annual review of RIBF ?
      + 1day: Group work session for physics & technical things?
    - Nothing has been decided yet, but the discussion will be started from April.

Poster Session & Award

Poster session on Mar. 5th

- 23 beautiful posters & very active discussions
  Quite fruitful and successful !!
  Thank you for your contribution and cooperation.





Young Scientist Poster Award

- **Shaun Budarpur** (Osaka Metropolitan University)
  "*Vincent–Fortune Method for Coulomb-Distorted Integrals in Breakup Reactions*"
- **Gen Takayama** (The University of Osaka)
  "*Systematic study of nuclear radii of neutron-rich Zr isotopes*"

- **Lakmin Wickremasinghe** (RCNP, The University of Osaka)
  "*Development of the all-in-one STAG board for the streaming readout of gaseous detectors*"
- **Kazuki Kyo** (Tohoku University)
  "*Performance Evaluation of Scintillating Fiber Detector for SAMURAI*"

RIBF Users Group Thesis Award

- Award ceremony & special talk in UM

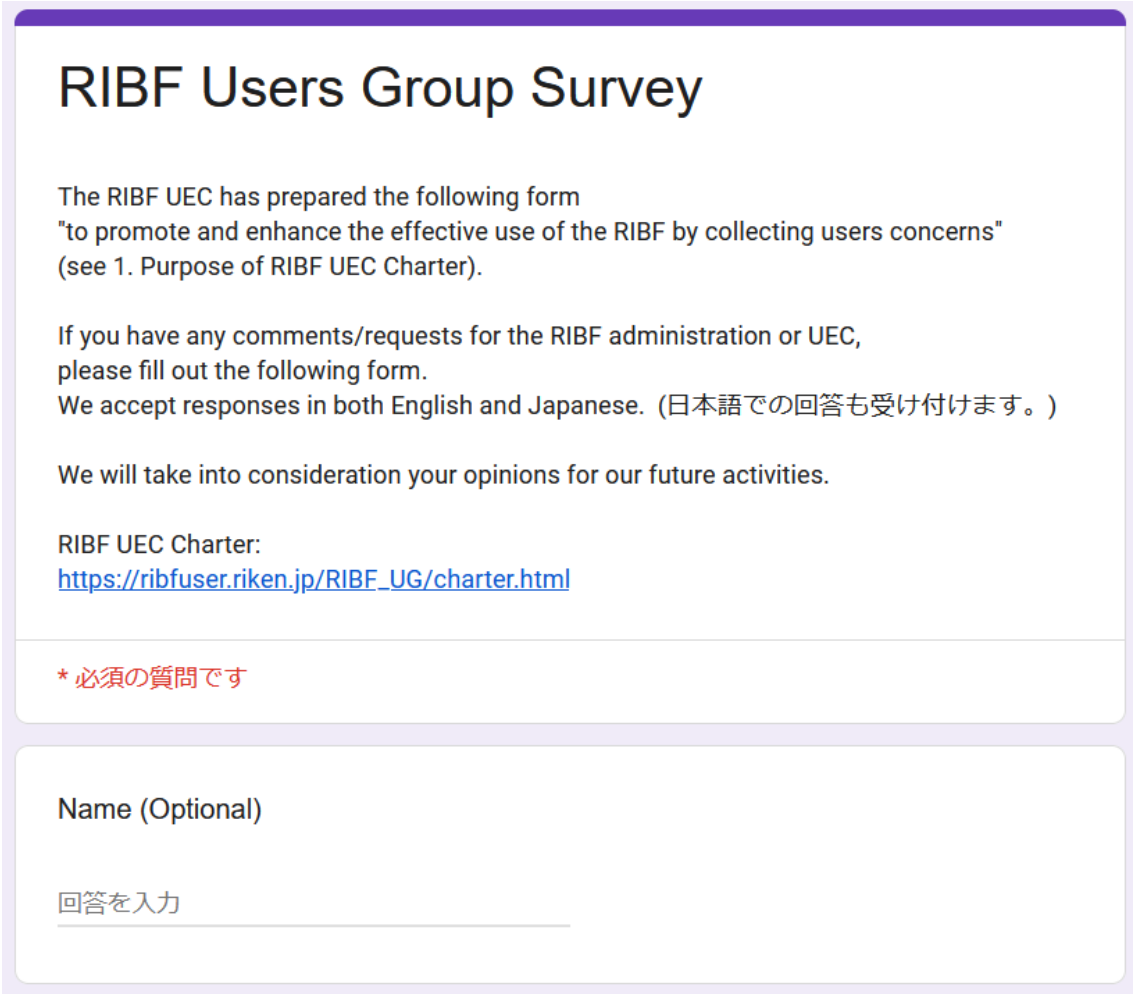
Dr. Akane Sakaue
(Kyoto University, 2025)

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

We will continue next year as well. We look forward to your applications.

RIBF Users Group Survey 2026

- From Feb. 27 to Mar. 12
  - 19 responses



RIBF Users Group Survey

The RIBF UEC has prepared the following form
"to promote and enhance the effective use of the RIBF by collecting users concerns"
(see 1. Purpose of RIBF UEC Charter).

If you have any comments/requests for the RIBF administration or UEC,
please fill out the following form.
We accept responses in both English and Japanese. (日本語での回答も受け付けます。)

We will take into consideration your opinions for our future activities.

RIBF UEC Charter:
https://ribfuser.riken.jp/RIBF_UG/charter.html

* 必須の質問です

Name (Optional)

回答を入力

The voting results are presented at the town meeting and have been omitted from this uploaded file.

We discuss next steps in April among UEC at first, then make action to RNC.

Anything else to discuss ?
(on UEC activities)

RIBF Status Report

Ken-ichiro YONEDA

User Liaison Group

RIKEN Nishina Center

RIBF User Group Town Meeting
online meeting via Zoom, March 23, 2026

- RIBF upgrade to get started soon
- RIBF operation in 2nd half FY2025
- RRC hardware trouble
- MT plan in 1st half FY2026
- NP-PAC meeting

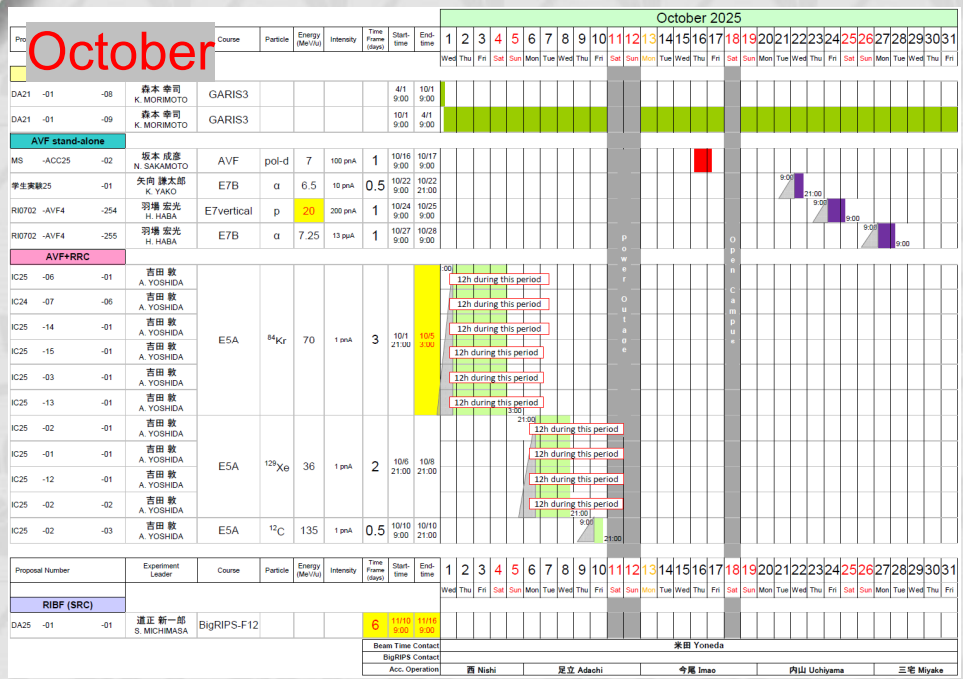
RIBF upgrade to get started soon

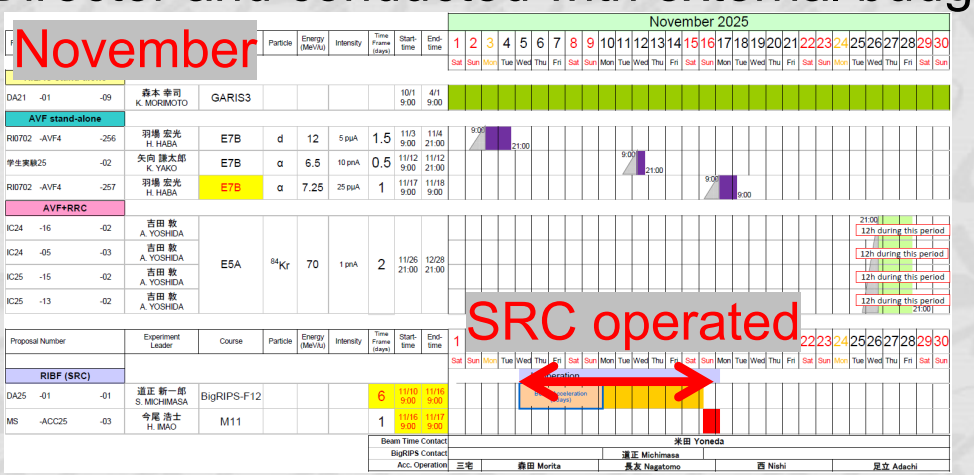
- A budget which (partly) covers RIBF upgrade has been approved
  - Construction of charge-stripper ring starting @ E6

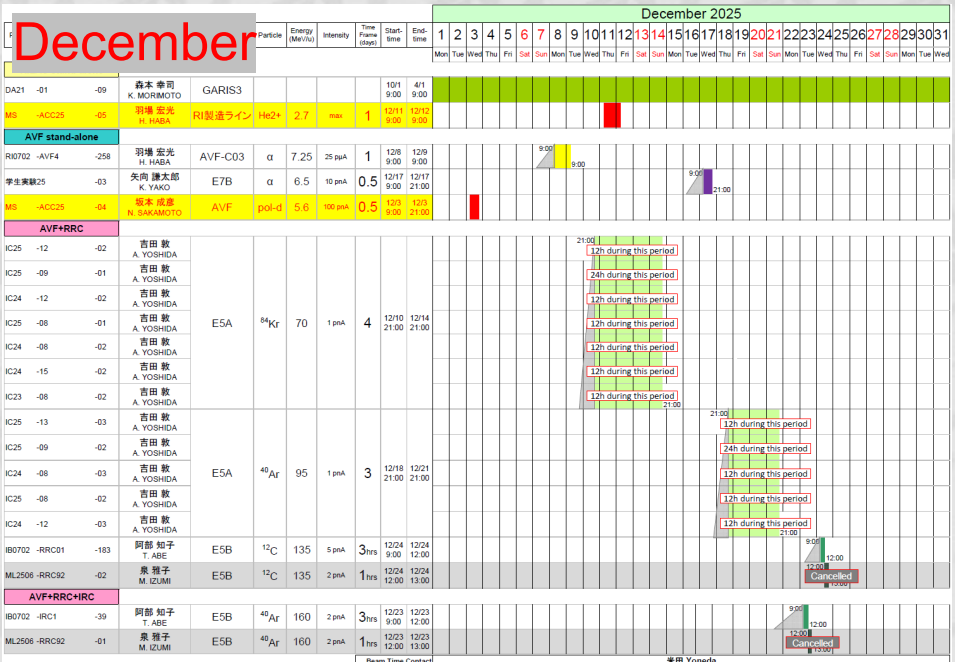
→ Experiments @ E6 must be completed soon
→ No further experiments @ E6 will be called
→ High priority beam time for industrial use
→ No irregular beam down time expected

RIBF operation in 2nd half FY2025

NO regular beam time call for 2nd half FY2025
Only experiments chosen by the Director and conducted with external budget



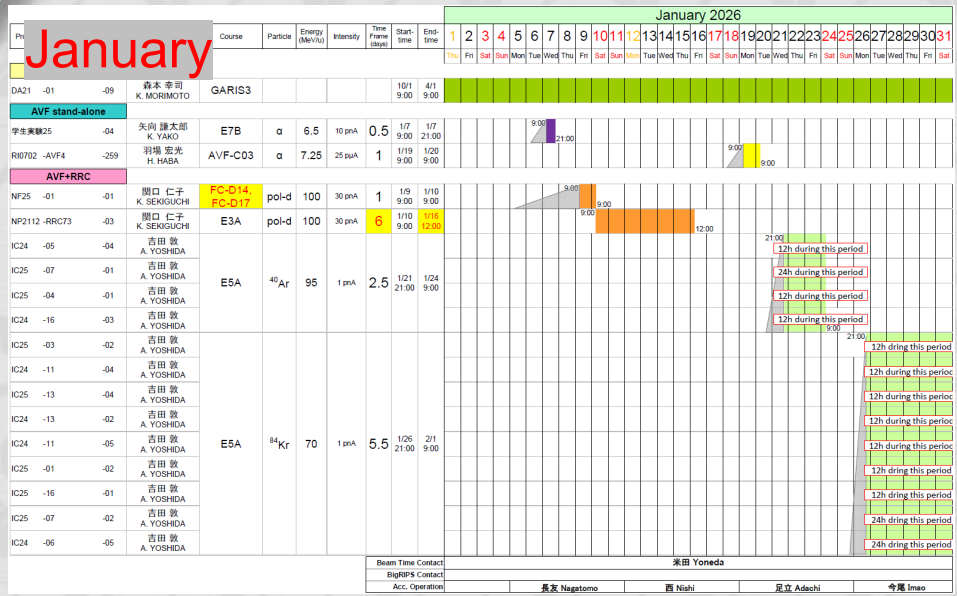




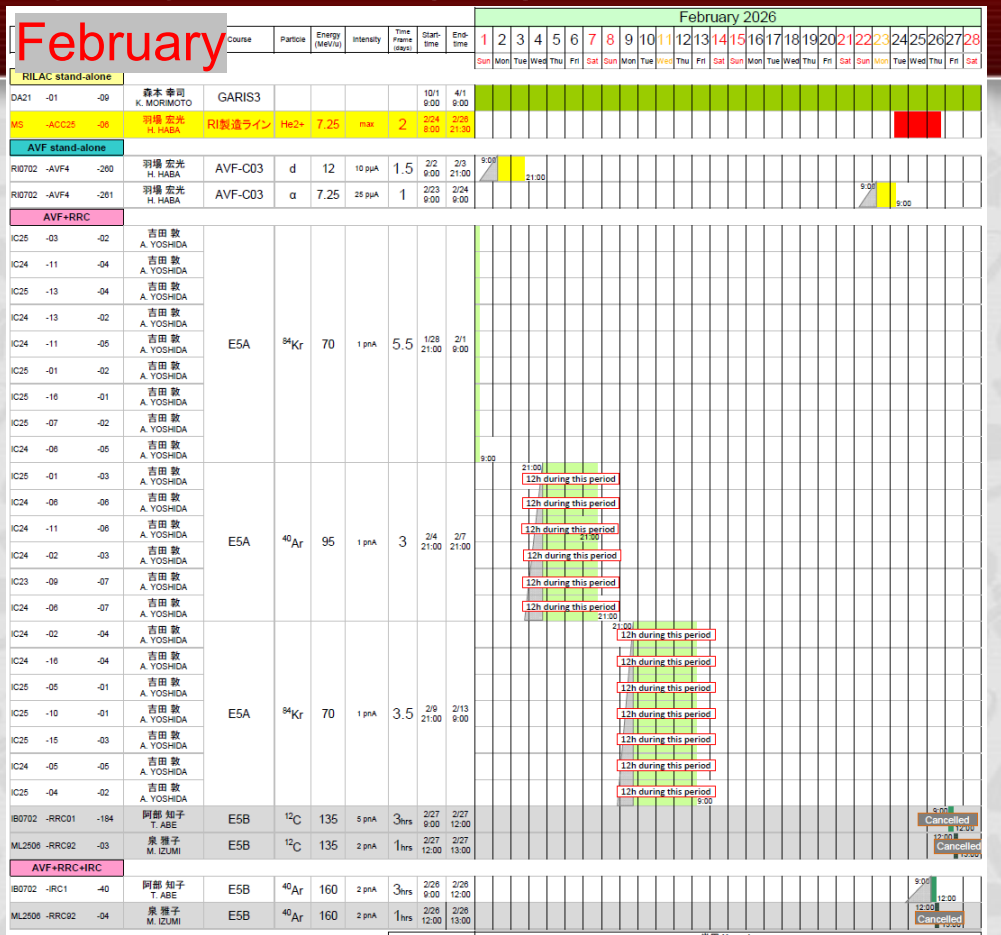
https://www.nishina.riken.jp/rarfmt/pc.html

RIBF operation in 2nd half FY2025

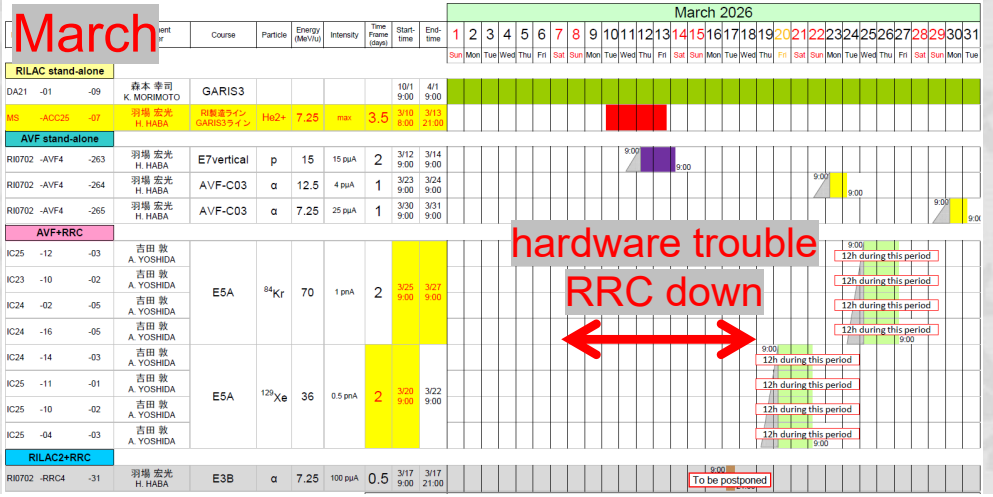
January



February



March



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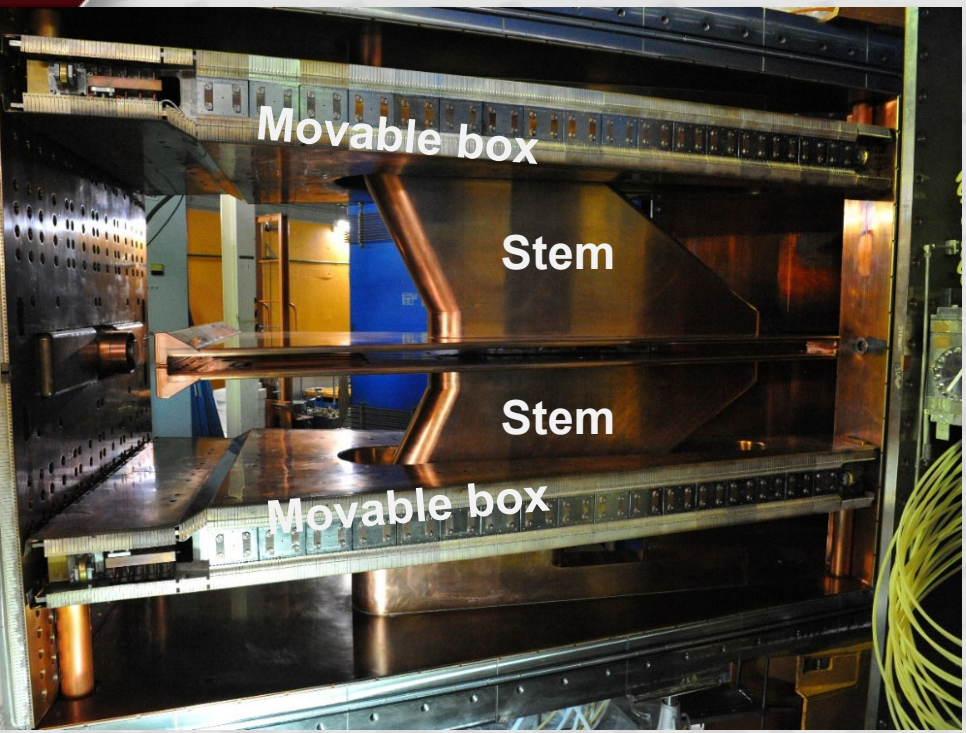
RRC hardware trouble

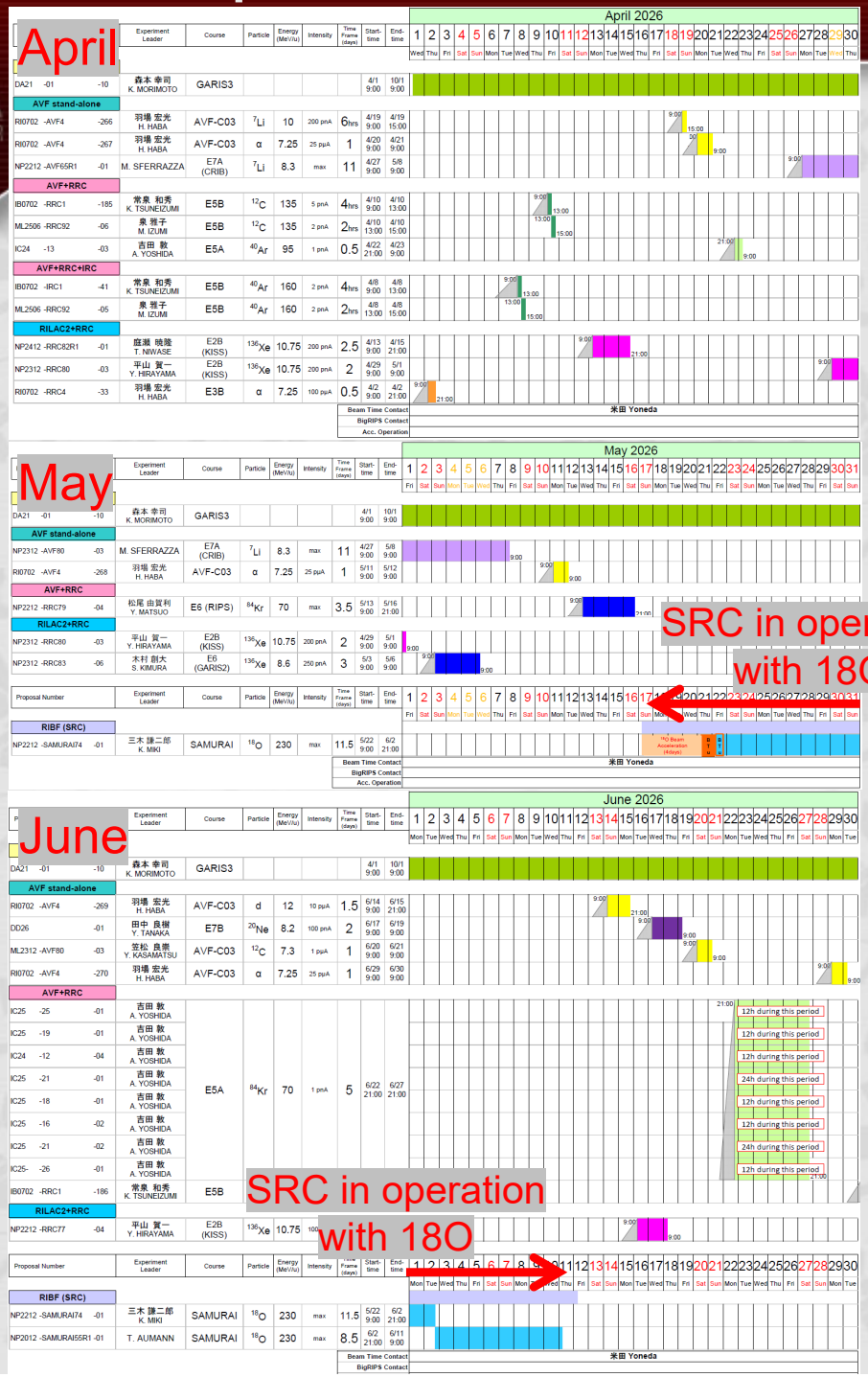
In 2018

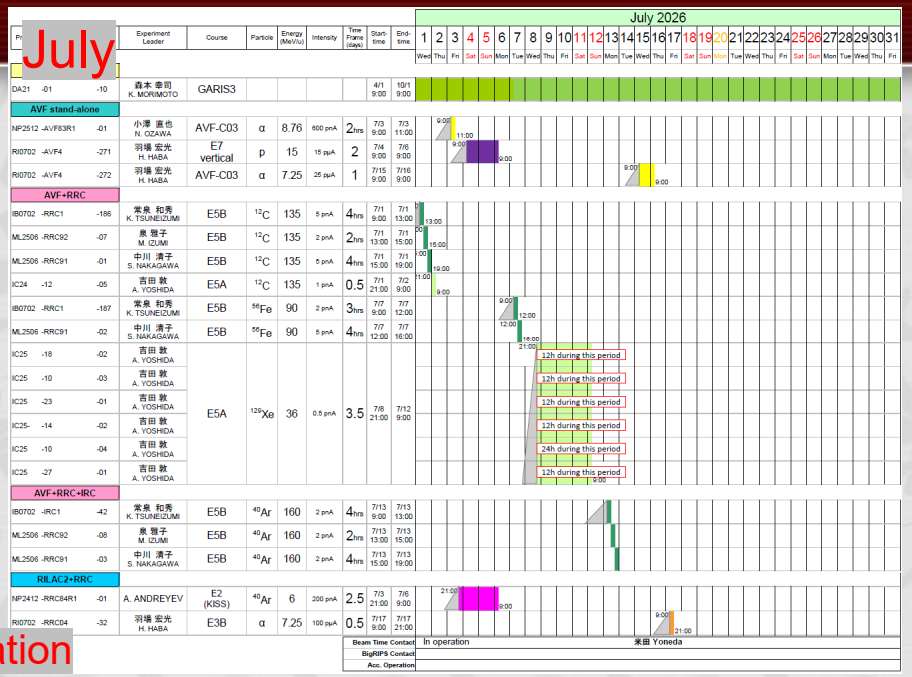


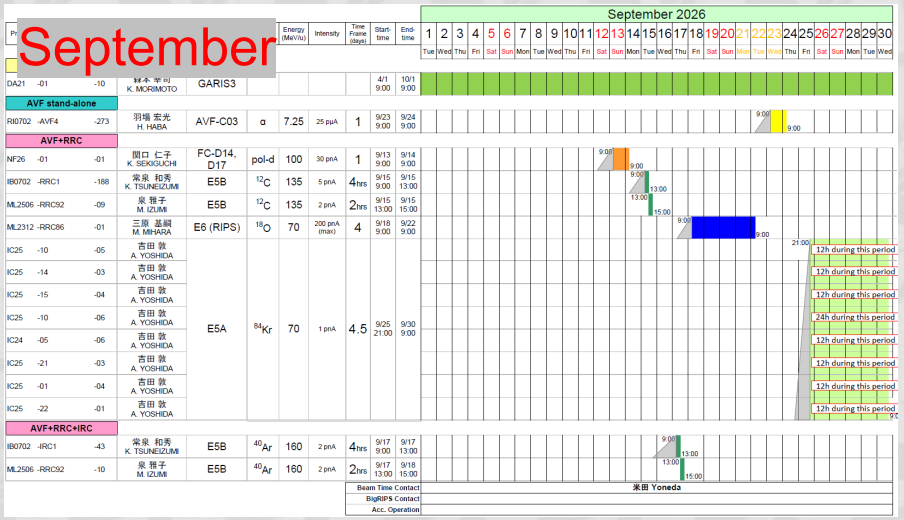
In 2026

K. Yamada et al., RIKEN APR vol. 52

MT plan in 1st half FY2026







NP-PAC

Next 27th NP-PAC

To be held in December 2026

No E6 experiments will be called
to be the 1st NP-PAC for ^{208}Pb beam

Latest information is given in:

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