

RIBF User Group Town Meeting

September 22 2022
Online(Zoom)

- 1) Report on the RIBF UEC activity (Ichikawa)
- 2) Report from Nishina Center (Yoneda-san)
- 3) Others

Report on the RIBF UEC activity

Yuichi Ichikawa
for the RIBF Users Executive Committee

Current member list of UEC

- Apr. 2019 - Mar. 2023
 - D. Suzuki, RIKEN, vice-chair
 - H. Crawford, LBNL
 - S. Nishimura, RIKEN
 - N. Hinohara, Tsukuba
 - N. Shimizu, CNS
- Apr. 2021 - Mar. 2025
 - A. Corsi, CEA Saclay
 - Y. Ichikawa, Kyushu, chair
 - J. Zenihiro, Kyoto
 - T. Abe, RIKEN, vice chair
 - K. Sekizawa, Tokyo Tech
- Supplementary members Apr. 2021 - Mar. 2023
 - S. Naimi, IJCLab

UEC Activities

- Regular town meetings (online)
 - March 2022 (not a as a part of JPS meeting)
 - September 2022 (during RIBF Users meeting)
- Report from the MT committee (monthly)
- RIBF Users Group Thesis Award
- Member list update
- Conference calendar update (regularly)
- Bridging users and RNC

Stats of RIBF Users Meeting of 2022

- Chaired by Y. Ichikawa and organized by J. Zenihiro
- Online (Zoom)
- 18 invited talks:
 - 2 Facility, 12 Experiment, 2 Theory, 2 Thesis Award talks
- Participants: 94 (Cf. 103 registrants)
 - 139 (2021, online), 127 (2020, online), 52 (2019, onsite)

RIBF Users Group Thesis Award 2022

Dr. Toshitaka Niwase (KEK)

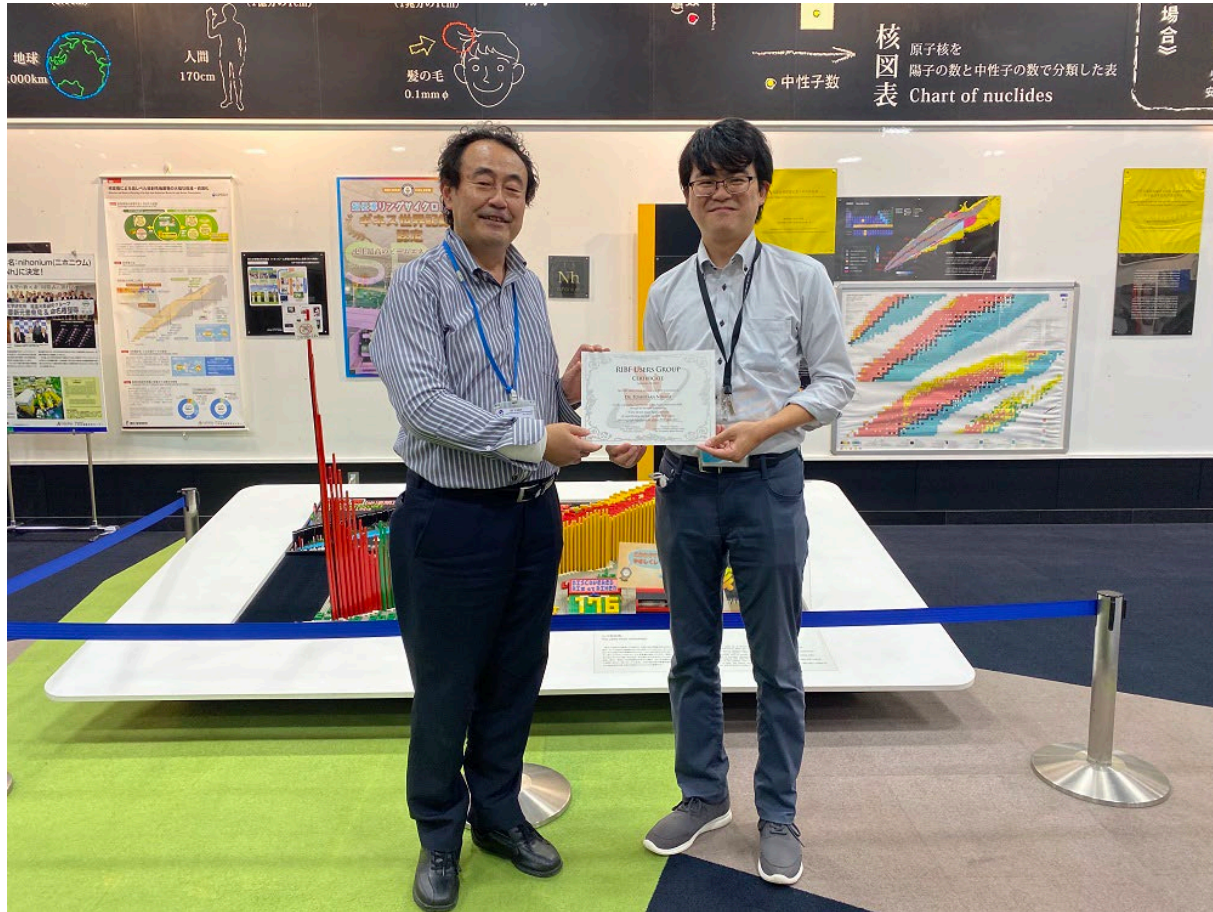
“First direct mass measurement of superheavy nuclide
via MRTOF mass spectrograph
equipped with an alpha-TOF detector”
(Kyushu University, 2021)

Dr. Tomoya Naito (RIKEN)

“On isospin symmetry breaking in nuclear density functional theory”
(The University of Tokyo, 2022)

- co-sponsored by RIBF UEC and RIKEN Nishina Center
- Selection Committee Members
T. Abe, A. Corsi, H. Crawford(co-chair), N. Hinohara, Y. Ichikawa, S. Naimi, S. Nishimura,
K. Sekizawa, N. Shimizu(co-chair), D. Suzuki, J. Zenihiro
- Eligibility: Ph.D. theses from March 31, 2019 to present.
- Applications due on May 27, 2022. Result released on August 26, 2022.

Congratulations again!



Member list update

We are working on deleting non-active members

Please update your registration

- Visit https://ribfuser.riken.jp/RIBF_UG/registration.html
- Click on “Update User Info.”
- Enter your email address, click on “送信/submit”
- Update your information if necessary
- Irrespective of the update click on “送信/submit”

Only 125 members updated...

	UG members
2022 (March 3)	761
2021	749
2017	655
2015	590
2013	498
2012	550
2011	505
2010	496

Bridging users and RNC

- Charter (https://ribfuser.riken.jp/RIBF_UG/charter.html)
- The purposes of the RIBF-UG are as follows:
 - To provide a formal channel for the exchange of information between the RIBF administration and the scientists who utilize this facility for research.
 - To provide advice and feedback to the RNC Director on matters relating to the development and operation of the RIBF.
 - To promote and enhance the effective use of the RIBF by collecting users concerns.
 - To act as a supporting and consulting body for the RIBF. The RIBF-UG maintains communications through appropriate means, such as regular meetings, electronic mailing lists, shared data bases, and webpages.
- UEC: coordinate the activities of the RIBF-UG (Charter 3)
- UEC starts to survey/collect concerns and requests of users using Google form


RIBF Users Group Survey

The RIBF UEC prepares 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 to the RIBF administration,
please fill out the following form.

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

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

*必須

Name (Optional)

回答を入力

Residence *

Japan

Other Countries

Research Topics *

Nuclear Experiment

Nuclear Theory

その他: _____

Comments/Requests *

回答を入力

Google フォームでパスワードを送信しないでください。
このコンテンツは Google が作成または承認したものではありません。不正行為の報告・利用規約・プライバシーポリシー

RIBF Status Report

Ken-ichiro YONEDA

User Liaison Group

RIKEN Nishina Center

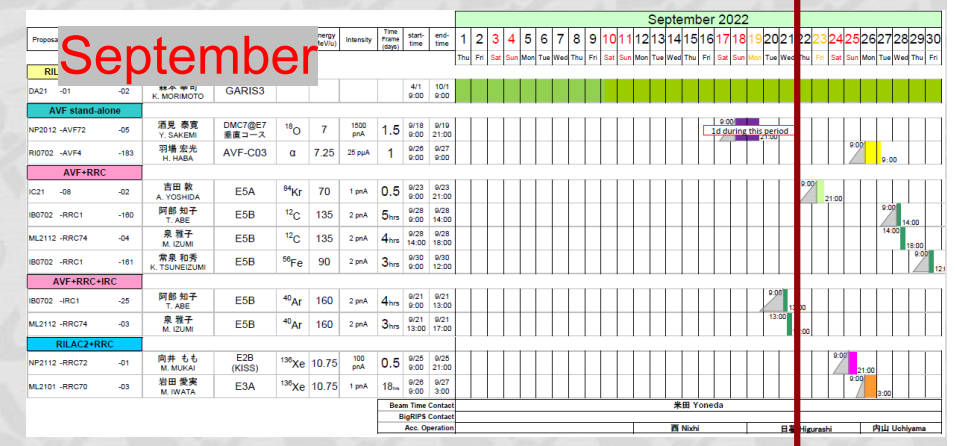
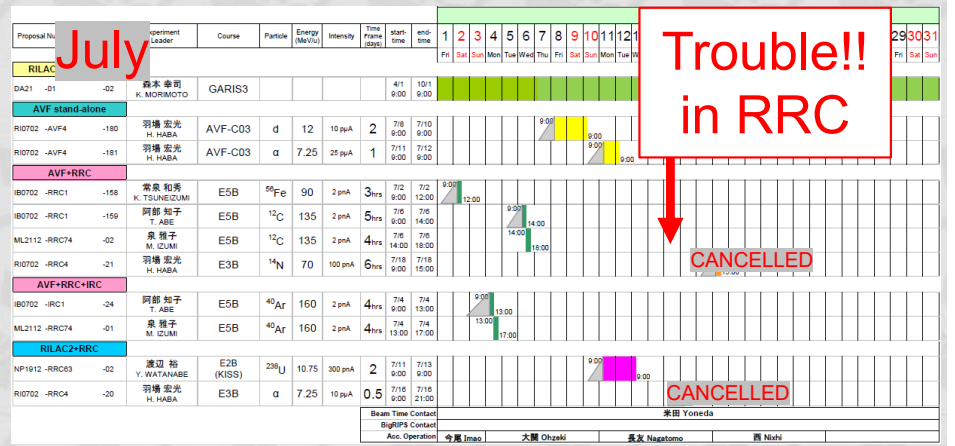
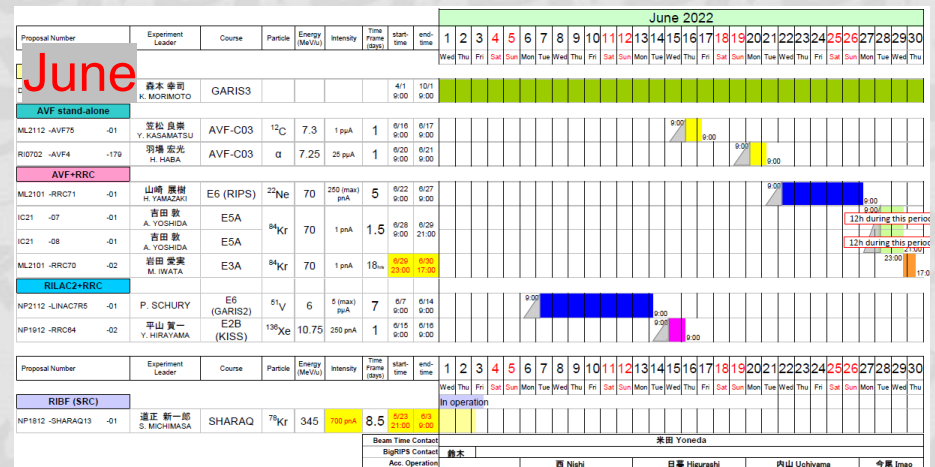
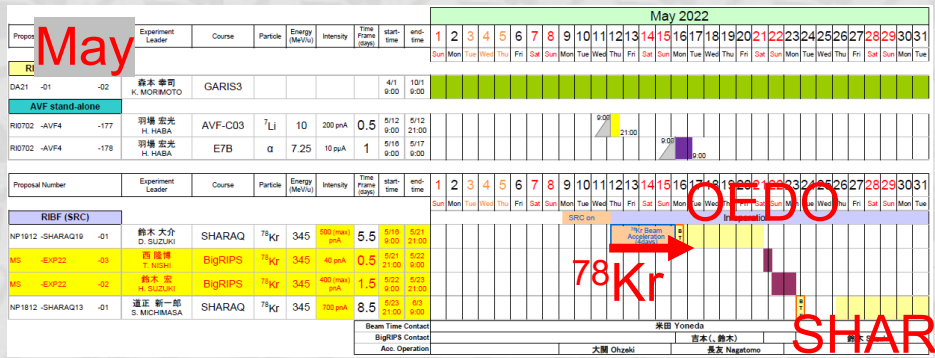
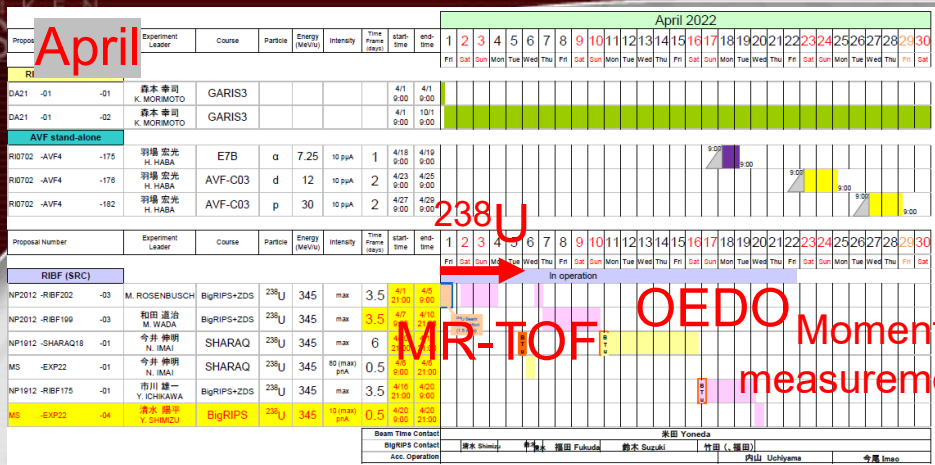
RIBF User Group Town Meeting
Web Meeting, September 22, 2022

- COVID-19
- RIBF operation in 1st half FY2022
- BigRIPS cryocooler trouble
- MT plan in 2nd half FY2022
- NP-PAC meeting

- In Japan/Tokyo area
 - No official emergency issued by government
 - # of cases found as infection ... decreasing
- In RIKEN
 - Keep “**Level-1**” regulation
 - **Research activities OK** but with best care
 - allowed **foreign participants** to experiments
 - Short-stay visa necessary
 - Procedure must start at least 3 months before
 - Guideline and checklist for visitors
<https://ribf.riken.jp/COV/COVID.php>



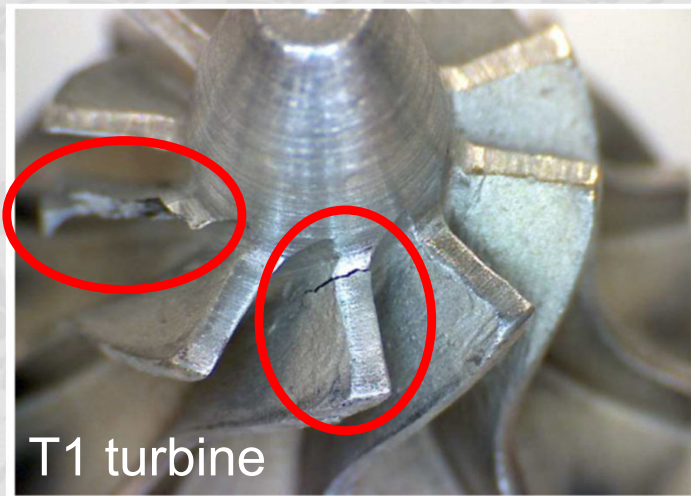
RIBF operation April-September



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

BigRIPS cryocooler trouble

During the summer-break maintenance, we found...



A turbine had a few wings damaged.

Repair work being made by a maker company. Schedule not fixed yet.

Reason not specified yet.



MT schedule October- December

2022/9/13 Preliminary

October 2022

Proposal Number	Experiment Leader	Course	Particle	Energy (MeV/u)	Intensity	Time Frame (days)	start-time	end-time	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
									Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	
RILAC stand-alone																																							
DA21 -01 -02	森本 幸司 K. MORIMOTO	GARIS3					4/1	10/1																															
DA21 -01 -03	森本 幸司 K. MORIMOTO	GARIS3					10/1	4/1																															
AVF stand-alone																																							
ML2112 -AVF75 -02	笠松 良崇 Y. KASAMATSU	AVF-C03	¹² C	7.3	1 pμA	1	10/10	10/11																															
学生実験22 -01	長濱 弘季 H. NAGAHAMA	E7B	α	6.5	10 pμA	0.5	10/12	10/12																															
ML2101 -AVF73 -02	横山 明彦 A. YOKOYAMA	AVF-C03	⁷ Li	6	1 pμA	1	10/17	10/18																															
MS -EXP22 -05	山口 美智 H. YAMAUCHI	ETA (CRIB)	⁷ Li	8.3	2 pμA	2	10/19	10/21																															
RI0702 -AVF4 -184	羽場 宏光 H. HABA	AVF-C03	α	7.25	25 pμA	1	10/24	10/25																															
AVF+RRC																																							
IC22 -01 -01	吉田 敏 A. YOSHIDA	E5A	⁸⁴ Kr	70	1 pμA	1	9/30	10/1																															
IC22 -05 -01	吉田 敏 A. YOSHIDA	E5A	⁸⁴ Kr	70	1 pμA	3	10/2	10/5																															
IC22 -01 -02	吉田 敏 A. YOSHIDA	E5A	⁸⁴ Kr	70	1 pμA	1	10/2	10/2																															
ML2101 -RRC70 -04	岩田 榮家 M. IWATA	E3A	⁸⁴ Kr	70	1 pμA	0.5	10/5	10/5																															
IC22 -05 -02	吉田 敏 A. YOSHIDA	E5A	⁴⁰ Ar	95	1 pμA	1.5	10/14	10/16																															
RI0702 -RRC4 -23	羽場 宏光 H. HABA	E3B	¹⁴ N	70	100 pμA	6 hrs	10/22	10/22																															
RILAC2+RRC																																							
RI0702 -RRC4 -22	羽場 宏光 H. HABA	E3B	α	7.25	10 pμA	0.5	10/7	10/7																															

Beam Time Contact: 米田 Yoneda
BigRIPS Contact: 内山 Imao
Acc. Operation: 内山 Imao, 大関 Ozeki, 長友 Nagetomo, 西 Nishi

2022/9/13 Preliminary

November 2022

Proposal Number	Experiment Leader	Course	Particle	Energy (MeV/u)	Intensity	Time Frame (days)	start-time	end-time	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
									Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed
RILAC stand-alone																																						
DA21 -01 -03	森本 幸司 K. MORIMOTO	GARIS3					10/1	4/1																														
AVF stand-alone																																						
RI0702 -AVF4 -185	羽場 宏光 H. HABA	E7B	α	12.5	3 pμA	1	11/8	11/8																														
学生実験22 -02	長濱 弘季 H. NAGAHAMA	E7B	α	6.5	10 pμA	0.5	11/9	11/9																														
RI0702 -AVF4 -186	羽場 宏光 H. HABA	E7B	d	12	5 pμA	1.5	11/11	11/12																														
RI0702 -AVF4 -187	羽場 宏光 H. HABA	E7B	α	7.25	10 pμA	1	11/14	11/15																														
ML2112 -AVF75 -03	笠松 良崇 Y. KASAMATSU	AVF-C03	¹² C	7.3	1 pμA	1	11/17	11/18																														
RIBF (SRC)																																						
NP1812 -RBF152R1 -01	R. KANUNGO	BigRIPS+ZDS	⁷⁰ Zn	345	max	5	11/4	11/9																														
PE22 -01	和田 達治 M. WADA	BigRIPS+ZDS	⁷⁰ Zn	345	max	1	11/4	11/9																														
NP1812 -SHARAG12R1 -01	K. WIMMER	SHARAG	⁷⁰ Zn	345	max	7.5	11/9	11/16																														
NP1912 -SAMURAI3 -01	H. WANG	SAMURAI	¹⁸ O	250	max	7.5	11/22	11/29																														
MS -EXP22 -06	大津 秀曉 H. OTSU	SAMURAI	¹⁸ O	250	300 pμA	1.5	11/30	12/1																														

Beam Time Contact: 米田 Yoneda
BigRIPS Contact: 藤本(藤野) Suzuki (Tend), 吉本 Yoshimoto, 藤田 Fukuda
Acc. Operation: 日暮 Higurashi, 内山 Uchiyama, 今泉 Inao

Moment measurement

SAMURAI

SAMURAI

SAMURAI

18O

2022/9/13 Preliminary

December 2022

Proposal Number	Experiment Leader	Course	Particle	Energy (MeV/u)	Intensity	Time Frame (days)	start-time	end-time	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
									Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat
RILAC stand-alone																																							
DA21 -01 -03	森本 幸司 K. MORIMOTO	GARIS3					10/1	4/1																															
AVF stand-alone																																							
RI0702 -AVF4 -188	羽場 宏光 H. HABA	E7 vertical	p	19	10 pμA	1	12/10	12/11																															
RI0702 -AVF4 -189	羽場 宏光 H. HABA	AVF-C03	α	7.25	25 pμA	1	12/12	12/13																															
学生実験22 -03	長濱 弘季 H. NAGAHAMA	E7B	α	6.5	10 pμA	0.5	12/14	12/14																															
NP2012 -AVF72 -06	酒見 泰寛 Y. SAKEMI	DMC7@E7 普通コース	¹⁸ O	7	1.5 pμA	1.5	12/24	12/28																															
AVF+RRC																																							
IC22 -07 -01	吉田 敏 A. YOSHIDA	E5A	⁴⁰ Ar	95	1 pμA	1	12/19	12/19																															
IB0702 -RRC01 -162	阿部 知子 T. ABE	E5B	¹² C	135	5 pμA	5 hrs	12/20	12/20																															
ML2112 -RRC74 -06	泉 雅子 M. IZUMI	E5B	¹² C	135	5 pμA	3 hrs	12/20	12/20																															
IB0702 -RRC01 -163	泉 雅和 K. TSUNEZUMI	E5B	⁵⁶ Fe	90	2 pμA	3 hrs	12/23	12/23																															
ML2112 -RRC74 -07	泉 雅子 M. IZUMI	E5B	⁵⁶ Fe	90	2 pμA	2 hrs	12/23	12/23																															
IC22 -07 -02	吉田 敏 A. YOSHIDA	E5A	⁸⁴ Kr	70	1 pμA	1	12/28	12/29																															
AVF+RRC+RRC																																							
IB0702 -RRC1 -28	阿部 知子 T. ABE	E5B	⁴⁰ Ar	160	2 pμA	4 hrs	12/18	12/18																															
ML2112 -RRC74 -05	泉 雅子 M. IZUMI	E5B	⁴⁰ Ar	160	2 pμA	3 hrs	12/16	12/16																															
RILAC2+RRC																																							
NP1912 -RRC04 -03	平山 真一 Y. HIRAYAMA	E2B (KISS)	¹³⁶ Xe	10.75	250 pμA	2	12/12	12/14																															

Beam Time Contact: 米田 Yoneda
BigRIPS Contact: 藤本(藤野) Suzuki (Tend), 吉本 Yoshimoto, 藤田 Fukuda
Acc. Operation: 日暮 Higurashi, 内山 Uchiyama, 今泉 Inao

23rd NP-PAC meeting
to be held on December 5 (Mon) – 7 (Wed), 2022

Meeting in person for presentation
(presentation via Zoom also possible)

Other participants join the meeting online

Proposal submission deadline: October 11

Call for Proposals available in:

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