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)
 - \rightarrow 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)

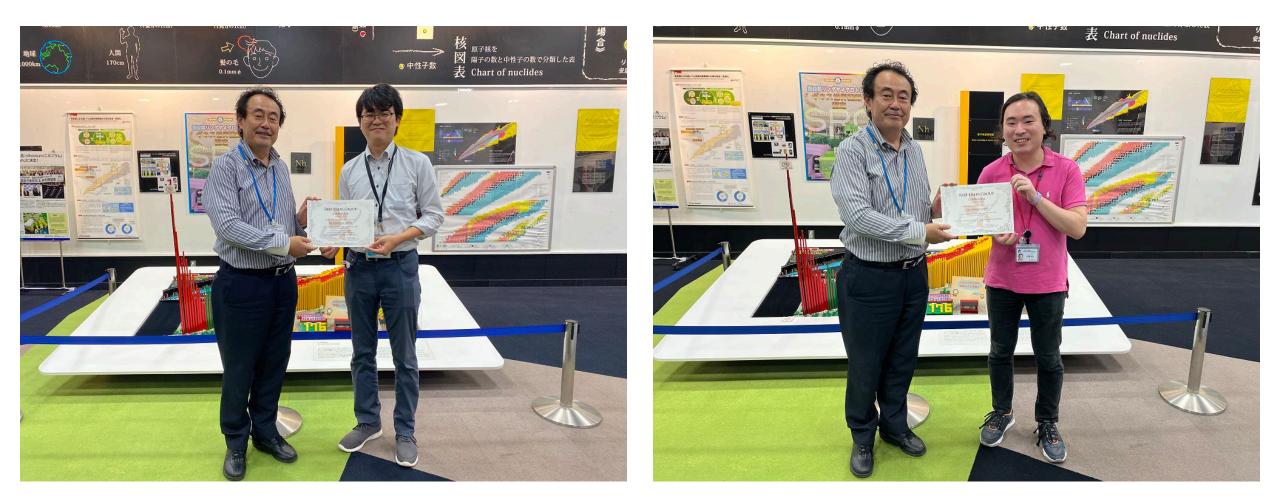
"First direct mass measurement of superheavy nuclide via MRTOF mass spectrograph equipped with an alpha-TOF detector" (Kyushu University, 2021)

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	
	2022 (Marc
Please update your registration	2021
· Might bttpg://ribfuggr.rikop.ip/DIDE_UC/registration.btml	2017
 Visit <u>https://ribfuser.riken.jp/RIBF_UG/registration.html</u> Click on "Update User Info." 	2015
 Enter your email address, click on "送信/submit" 	2013
 Update your information if necessary 	2012
 Irrespective of the update click on "送信/submit" 	2011
	2010

Only 125 members updated...

UG members
761
749
655
590
498
550
505
496

Bridging users and RNC

- Charter (<u>https://ribfuser.riken.jp/RIBF_UG/charter.html</u>)
- 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

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	PRIBE USC 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 Image: Construction of the table of the table of the table of tab		R			
	Name (Optional) 回答を入力 Residence • ③ Japan ④ Other Countries					
	Research Topics * Nuclear Experiment Nuclear Theory その他: Comments/Requests *				1	
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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

COVID-19 ... current status

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



E6

(GARIS2)

E2B

(KISS)

Course

道正新一郎 SHARAQ ⁷⁸Kr 345 700 pmA 8.5

P. SCHURY

平山 賀一

-02

NP1912 -RRC64

roposal Numbe

RIBF (SRC)

NP1812 -SHARAQ13 -01

⁵¹V 6 ^{5 (max)} 7 ^{6/7} 9:00

¹³⁸Xe 10.75 250 pnA 1

Particle Energy Intensity Frame (MeV/u)

6/14 9:00

6/15 9:00

BigRIPS Contact 鈴木

日幕 Higurashi

内山 Uobiyama 今尾 Imao

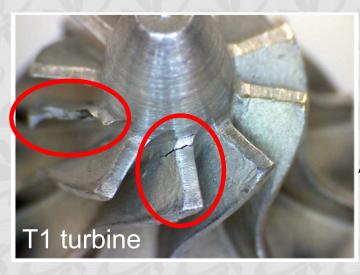


https://www.nishina.riken.jp/rarfmt/pc.html



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

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R. KANUNGO BigRIPS+ZDS 和田 道治

大津 秀暁

BigRIPS+7DS

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RI0702 -AVF4	-189	羽場 宏光 H. HABA	AVF-C03	α	7.25	25 pµA	1	12/12 9:00	12/13 9:00								2	9:0	0												
学生実験22	-03	長濱 弘季 H. NAGAHAMA	E7B	α	6.5	10 pnA	0.5	12/14 9:00	12/14 21:00									9.0		:00											
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P1912 -RRC64	-03	平山 賀一 Y. HIRAYAMA	E2B (KISS)	¹³⁸ Xe	10.75	250 pnA	2	12/12 9:00	12/14 9:00								9.00		9:00												
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https://www.nishina.riken.jp/rarfmt/pc.html

MT schedule January-February

NP2012 -AVF72

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P2012 -RRC67	-01	P. WALKER	E2B (KISS)	¹³⁸ Xe	7.2	100 pnA	6	1/17 9:00	1/23 9:00													8	2					9:00					
L2101 -RRC70	-05	岩田 愛実 M. IWATA	E3A	¹³⁸ Xe	10.75	1 pnA	0.5	1/24 9:00	1/24 21:00																			9.00	21:0	0			

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

NP-PAC

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