

RIBF User Group Town Meeting

September 9, 2021
Online(Zoom)

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

Report on the RIBF UEC activity

Nobuo Hinohara
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, chair
 - N. Shimizu, CNS
- Apr. 2021 - Mar. 2025
 - A. Corsi, CEA Saclay
 - Y. Ichikawa, Kyushu, vice-chair
 - J. Zenihiro, Kyoto
 - T. Abe, RIKEN
 - K. Sekizawa, Tokyo Tech
- Supplementary members Apr. 2021 - Mar. 2023
 - S. Naimi, RIKEN

UEC Activities

- Regular town meetings (online)
 - March 2021 (during JPS meeting)
 - September 2021 (during RIBF Users meeting)
- Report from the MT committee (monthly)
- RIBF Users Group Thesis Award, co-sponsored with RNC
- RIBF Users Meeting 2021 (online)
- Member list update (ongoing)
- Conference calendar update (regularly)
- Bridging users and RNC (plan)

RIBF User Group Thesis Award 2021

Dr. Oscar Hall (University of Edinburgh) “ β -delayed neutron emission from r-process nuclei along the N=82 shell closure” (University of Edinburgh, 2020)

Dr. Masaomi Tanaka (RIKEN Nishina Center) “Determination of nuclear matter radii of Ca isotopes across the neutron magic number N=28 via interaction cross-section measurements” (Osaka University, 2018)



- 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, 2018 to present.
- Applications due on June 18, 2021. Result released on August 6, 2021.

RIBF Users Meeting 2021

- Chaired by N. Hinohara and organized by J. Zenihiro and S. Nishimura
- Online (Zoom)
- 18 invited talks:
 - 1 facility talk + 13 experimental talks + 2 thesis award talks
 - 2 theory talks
- Participants : 139 (127 in 2020(online), 52 in 2019(on-site))
 - 4 Canada, 5 China, 1 Finland, 9 France, 4 Germany, 1 Hungary, 2 Italy,
 - 98 Japan, 2 South Korea, 7 UK, 5 USA, 1 Vietnam
- Account balance: 26,016 JPY from last year
(no cost for coffee break/name tags/dinner this time)

Member list update

We are working on deleting non-active members

Please update your registration

- https://ribfuser.riken.jp/RIBF_UG/registration.html
 - Affiliation
 - Department
 - Position/Grade
 - Email
 - Experiment/Theory
 - Supervisor (for students)
- Please ask your students to do so

	UG members
2021 (as of Sep 3)	749
2017	655
2015	590
2013	498
2012	550
2011	505
2010	496

Conference calendar update

https://ribfuser.riken.jp/RIBF_UG/confinfo.html

Operated using Google Calendar

We will regularly update the domestic and international workshops/conferences

Bridging users and RNC (plan)

- 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 plans to survey/collect concerns and requests of users



RIBF Status Report

Ken-ichiro YONEDA

User Liaison Group

RIKEN Nishina Center

RIBF User Group Town Meeting
Web Meeting, 09 September, 2021

- COVID-19
- RIBF operation in 1st half FY2021
- MT plan in 2nd half FY2021
- NP-PAC meeting

COVID-19 ... current status

- In Japan/Tokyo area
 - Still in “state of emergency”
 - 1st: April – June 2020
 - ...
 - 4th: July 2021 – end of September?
 - “stay-home” is requested
 - Still difficult for foreigners to visit RIKEN for experiments
- In RIKEN
 - Keep “Level-1” regulation
 - Research activities OK but with best care
 - Accelerator use ... < 20 participants/experiment
 - Guideline and checklist for visitors
<https://ribf.riken.jp/COV/COVID.php>
 - New rule from Sep: wear a “nonwoven-fabric” mask



April

Proposal Number	Equipment Leader	Course	Particle	Energy (MeV/u)	Intensity	Time (min)	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
RILAC st																																						
DA17 -03	K. MORITA	GARIS3					10:17	4:1																														
DA21 -01	K. MORITA	GARIS3					9:00	10:1																														
AVF stand-alone																																						
RI0702 -AVF4 -150	羽場 宏光 H. HABA	ETB of AVF-C03	d	7.25	20 pA	1	4:5	9:00	4:5																													
RI0702 -AVF4 -151	羽場 宏光 H. HABA	ETB of AVF-C03	d	7.25	20 pA	1	4:19	9:00	4:20																													
RILAC2-NRC																																						
ML1201 -RR069 -01	為月 昇 隆 T. YAMEDA	ESA	²³⁸ U	11	10 pA	2	3:31	9:00	4:2																													

May

Proposal Number	Equipment Leader	Course	Particle	Energy (MeV/u)	Intensity	Time (min)	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
RILAC st																																							
DA21 -01	J. WU	GARIS3					4:1	10:1																															
AVF stand-alone																																							
RI0702 -AVF4 -152	羽場 宏光 H. HABA	AVF-C03 of ETB	d	12	10 pA	2	5:7	9:00	5:9																														
RI0702 -AVF4 -153	羽場 宏光 H. HABA	ET Vertical of ETB	p	19	10 pA	0.5	5:10	9:00	5:10																														
RI0702 -AVF4 -154	羽場 宏光 H. HABA	AVF-C03 of ETB	d	7.25	20 pA	1	5:11	9:00	5:11																														
AVF+RRC																																							
IC20 -06 -01	吉田 真 A. YOSHIDA	ESA	⁶⁴ Kr	70	1 pA	1.6	5:13	9:00	5:13																														
IC20 -08 -01	吉田 真 A. YOSHIDA	ESA	⁶⁴ Kr	70	1 pA	1	5:16	9:00	5:17																														
IC20 -08 -02	吉田 真 A. YOSHIDA	ESA	⁴⁰ Ar	95	1 pA	1	5:16	9:00	5:17																														
RIBF (SRC)																																							
NP1712 -RBF158 -02	J. WU	BigRIPS-ZDD	²³⁸ U	345	70 (max) pA	8	6:23	9:00	6:30																														
PE21 -02	和田 達治 M. WADA	BigRIPS-ZDD	²³⁸ U	345	70 (max) pA	1	6:4	9:00	6:4																														
MS -EXP21 -01	鈴木 宏 H. SUZUKI	BigRIPS-ZDD	²³⁸ U	345	70 (max) pA	1	6:4	9:00	6:4																														
PE21 -03	和田 達治 M. WADA	BigRIPS-ZDD	²³⁸ U	345	70 (max) pA	1	6:4	9:00	6:4																														
MS -EXP21 -03	西條博 T. NISHII	BigRIPS	²³⁸ U	345	1 pA	1	6:5	9:00	6:5																														
NP1712 -RBF141(R) -01	上原 友洋 T. UESAKA	BigRIPS-ZDD	¹² C	250	500 (max) pA	8	5:21	9:00	5:29																														
NP1712 -RBF135(R) -01	新橋 健太 K. ITAHASHI	BigRIPS	¹² C	250	500 (max) pA	8	5:21	9:00	5:29																														
NP1712 -RBF135(R) -02	新橋 健太 K. ITAHASHI	BigRIPS	⁷ H	250	500 (max) pA	7.5	6:3	9:00	6:10																														

June

Proposal Number	Equipment Leader	Course	Particle	Energy (MeV/u)	Intensity	Time (min)	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
RILAC st																																						
DA21 -01	K. MORITA	GARIS3					4:1	10:1																														
AVF stand-alone																																						
RI0702 -AVF4 -155	羽場 宏光 H. HABA	AVF-C03 of ETB	d	7.25	20 pA	1	6:23	9:00	6:24																													
RI0702 -AVF4 -156	羽場 宏光 H. HABA	AVF-C03 of ETB	p	30	10 pA	2	6:25	9:00	6:27																													
RI0702 -AVF4 -157	羽場 宏光 H. HABA	AVF-C03 of ETB	d	12	10 pA	2	6:28	9:00	6:30																													
AVF+RRC																																						
IB0702 -ARC1 -150	阿部 知子 T. ABE	ESB	¹² C	135	2 pA	5	7:1	9:00	7:11																													
RILAC2-NRC																																						
NP1712 -RR046 -06	平山 真一 T. HIRAYAMA	E2B (KISS)	¹³⁶ Xe	10.75	100 pA	2	6:23	9:00	6:26																													
ML1701 -RR054 -12	新橋 健之 H. SHINDO	ESA	¹³⁶ Xe	10.75	1 pA	18	6:25	9:00	6:26																													
RIBF (SRC)																																						
NP1712 -RBF135(R) -02	新橋 健太 K. ITAHASHI	BigRIPS	⁷ H	250	500 (max) pA	7.5	6:3	9:00	6:10																													
NP1712 -SHARAQ11 -01	三木 健二郎 K. MIKI	SHARAQ	o	200	max	7	6:13	9:00	6:20																													
MS -EXP21 -06	渡辺 新一郎 S. WAKAHARA	SHARAQ	o	200	100 pA	1	6:20	9:00	6:21																													

HiCARI -final
238U
-final

BRIKEN

July

Proposal Number	Equipment Leader	Course	Particle	Energy (MeV/u)	Intensity	Time (min)	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
RILAC st																																							
DA21 -01	K. MORITA	GARIS3					4:1	10:1																															
AVF stand-alone																																							
RI0702 -AVF4 -158	羽場 宏光 H. HABA	ET Vertical of ETB	p	19	10 pA	0.5	7:3	9:00	7:3																														
RI0702 -AVF4 -159	羽場 宏光 H. HABA	AVF-C03 of ETB	d	7.25	20 pA	1	7:3	9:00	7:3																														
NP2012 -AVF22 -01	森田 康夫 Y. MORI	DMC70E7 重粒子一欠	¹⁶ O	7	2 (max) pA	0.5	7:14	9:00	7:14																														
ML1201 -AVF73 -01	山崎 明彦 A. YOKOYAMA	AVF-C03	⁷ Li	6	1 pA	1	7:16	9:00	7:17																														
AVF+RRC																																							
IB0702 -ARC1 -150	阿部 知子 T. ABE	ESB	¹² C	135	2 pA	5	7:1	9:00	7:11																														
ML1807 -RR040 -21	泉 賢子 M. IZUMI	ESB	¹² C	135	2 pA	3	7:1	9:00	7:11																														
ML1201 -RR041(R) -01	山崎 明彦 A. YOKOYAMA	ESB	¹² C	135	2 pA	4	7:1	9:00	7:11																														
MS -EXP21 -07	吉田 真 A. YOSHIDA	ESA	¹² C	135	2 pA	5	7:1	9:00	7:11																														
IB0702 -ARC1 -149	阿部 知子 T. ABE	ESB	⁶⁴ Fe	90	2 pA	3	7:1	9:00	7:12																														
RI0702 -RR04 -18	羽場 宏光 H. HABA	ESB	¹⁴ N	100	200 pA	0	7:10	9:00	7:10																														
AVF+RRC+RRC																																							
IB0702 -ARC1 -150	阿部 知子 T. ABE	ESB	⁴⁰ Ar	100	2 pA	4	7:8	9:00	7:18																														
ML1807 -RR040 -20	泉 賢子 M. IZUMI	ESB	⁴⁰ Ar	100	2 pA	3	7:8	9:00	7:18																														
RILAC2+RRC																																							
NP1712 -RR041(R) -06	渡辺 新一郎 S. WAKAHARA	E2B (KISS)	⁶⁴ Kr	10.75	500 pA	2	7:3	9:00	7:10																														

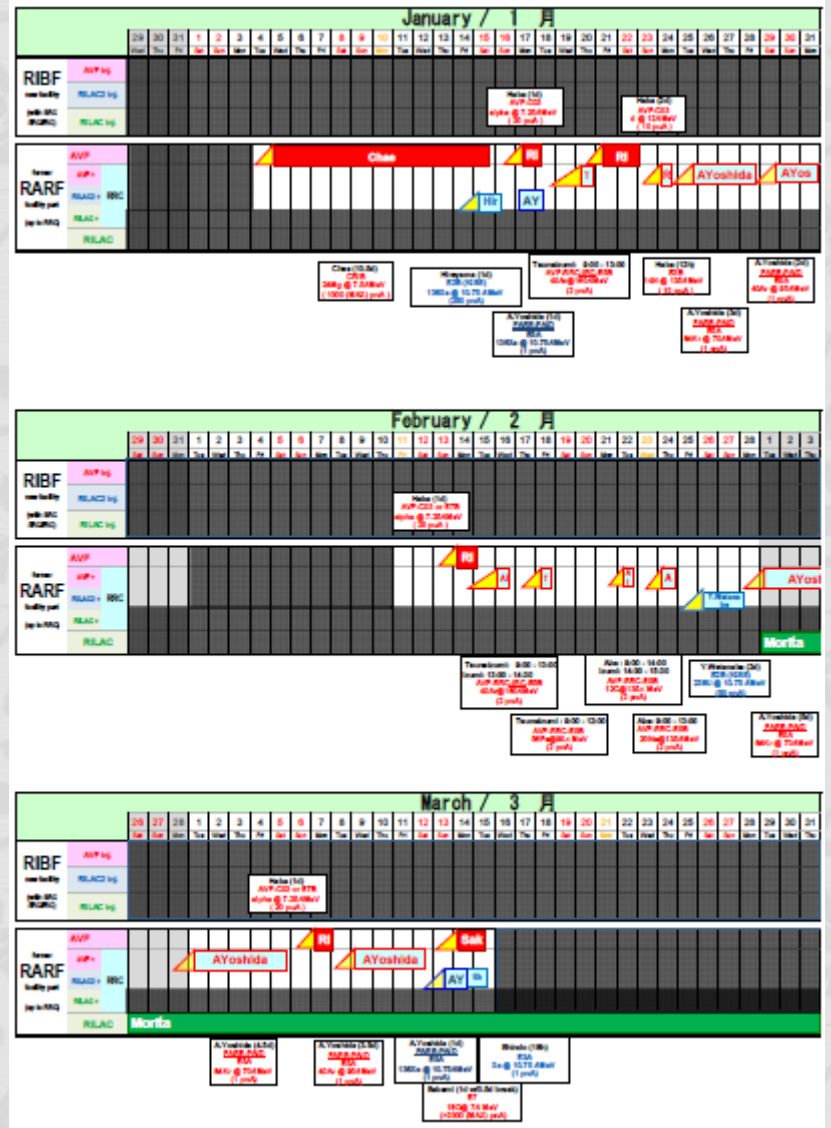
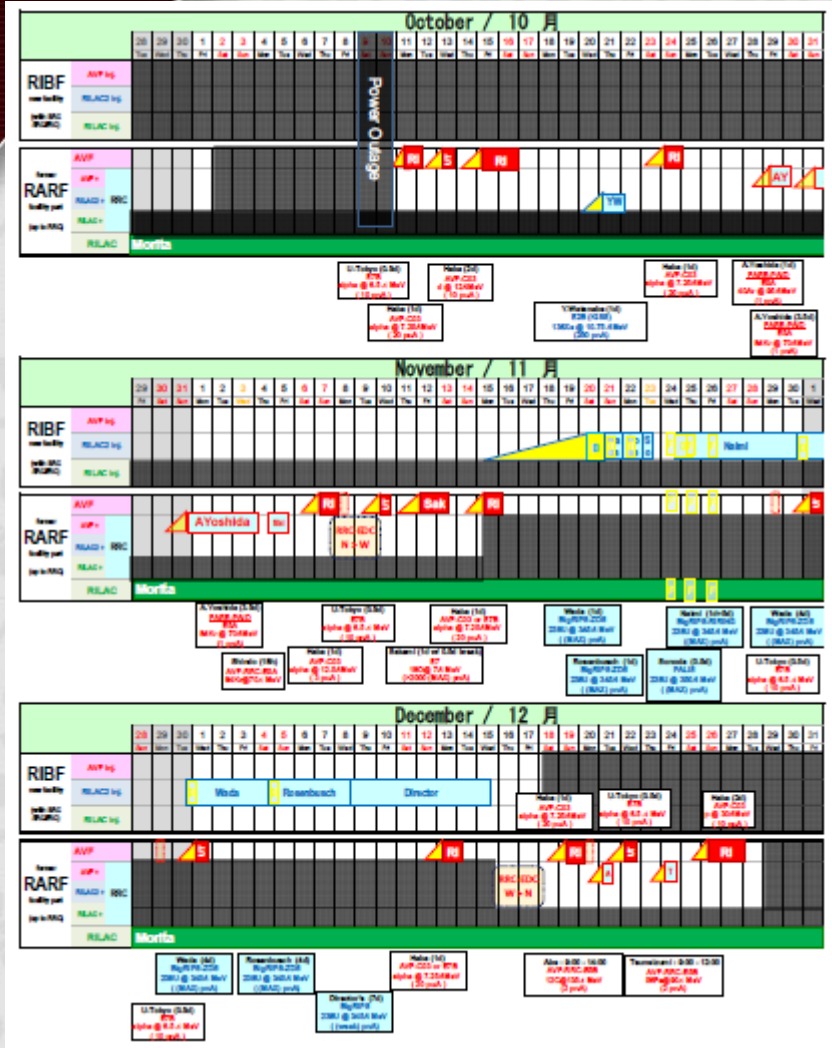
Now

September

Proposal Number	Equipment Leader	Course	Particle	Energy (MeV/u)	Intensity	Time (min)	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
RILAC st																																						



Schedule plan Oct 2021- Mar 2022 – under discussion





NP-PAC

22nd NP-PAC meeting
to be held on December 1 (Wed) – 3 (Fri), 2021

On-line meeting

Presentation movies to be collected before the meeting

Only Q&A in the meeting

Proposal submission deadline:

October 11 (Mon), 2021