

Proposal Number	Title	Spokesperson	Institute	Device	Detector	Days Approved	Done	Refereed Journal	Ph.D Thesis	Completed?
FY2007										
NP0702-AVF07	$^{26}\text{Al} + p$ Resonances through Elastic Scattering with CRIB: Production Run	A.A. Chen	McMaster Univ.	CRIB		9	9	● J. Chen et al. PRC 85, 015805 (2012)		yes
NP0702-AVF06	Searching for resonances in ^6Be by the $^3\text{He}(\alpha, \gamma)^6\text{Be}$ transfer reaction	R.L. Filho	Univ. of Sao Paulo – Brazil	CRIB		10	10		Dr. Rubén Pampa Condori, Instituto de Física da USP (2012)	no
NP0702-AVF02	Elastic scattering and breakup of ^{17}F on ^{12}C around the Coulomb barrier	H.Q. Zhang	CIAE	CRIB		10	10	● G.L. Zhang et al., Eur. Phys. J. A 48, 65 (2012) ● H. Zhang et al., Sci. China: Phys. Mech. Astro. 54, s11433 (2011)		yes
NP0702-AVF16	Production of polarized radioactive beams via the inverse-kinematics reactions and their application (continuation)	K. Shimada	Tokyo Tech.	CRIB		4	4	● K. Shimada et al., Hyperfine Int. 180 (2007) 43-47		yes
NP0709-AVF35	R&D of ^{17}Ne secondary beam for resonance scattering experiments	T. Teranishi	Kyushu Univ.	CRIB		3	1	(test experiment)		yes
NP0709-AVF37	Tests of ^{30}P beam production with CRIB, for future studies of the structures of ^{31}S & ^{31}P relevant to the astrophysical reaction $^{30}\text{P}(p, \gamma)^{31}\text{S}$	J. He	IMP, CAS	CRIB		3.5	1.5	(test experiment)		yes
NP0702-RRC22	Investigation of the low-lying levels of ^{32}Al through the isomeric nuclear moment measurements and ^{32}Mg β -delayed γ pectroscopy: Transition from sd-normal to pf-intruder structures in the vicinity of the island of inversion	D. Kameda	RNC	RIPS		6	6			yes
FY2008										
NP0702-AVF21	The alpha resonant scattering of ^{15}O and ^{14}O for studying the $^{15}\text{O}(\alpha, \gamma)$ and $^{14}\text{O}(\alpha, p)$ reactions	K.I. Hahn	Ewha Womans Univ.	CRIB		6	6	● A. Kim et al., J. Korean Phys. Soc. 57, 40 (2010) ● A. Kim et al., PRC 92, 035801 (2015)		yes
NP0702-AVF29	Measurement for β -decay of proton-rich nucleus, ^{46}Cr	Y. Wakabayashi	RNC	CRIB		8	8			no
NP0709-AVF35	R&D of ^{17}Ne secondary beam for resonance scattering experiments	T. Teranishi	Kyushu Univ.	CRIB		3	2	(test experiment)		yes
NP0709-RRC38	Studies on the momentum correlation function for ^{23}Al , ^{27}S and their neighboring nuclei	Y.G. Ma	SINAP	RIPS		6	6	● Y.G. Ma et al., Sci. Chim. Phys., Mech. & Astro. 54, s18-s23 (2011) ● Y.G. Ma et al., PLB 743, 306 (2015) ● D.Q. Fang, PRC 94, 044621 (2016)		yes
NP0702-RIBF20	Search for new isotopes and measurement of production cross section at BigRIPS/ZeroDegree	T. Kubo	RNC	BigRIPS		28	5(FY07) 9(FY08)	● T. Ohnishi et al., Jou. Phys. Soc. Jpn 77, 083201 (2008) ● T. Ohnishi et al., Jou. Phys. Soc. Jpn 79, 073201 (2010) ● D. Kameda et al., PRC 86, 054319 (2012) ● T. Kubo et al., Prog. Theor. Exp. Phys., 03C003 (2012) ● H. Suzuki et al., NIMB 317, B, 756 (2013) ● N. Fukuda et al., NIMB 317, B, 323 (2013) ● T. Kubo., NUCL INSTRUM METHODS PHYS RES B 376 102 (2016)		yes
NP0802-RIBF55	Inclusive Coulomb-breakup study of neutron drip-line nuclei	T. Nakamura	Tokyo Tech.	BigRIPS		7	2.5	● T. Nakamura et al., PRL 103, 262501 (2009)		yes
FY2009										
NP0802-AVF46	Indirect measurement of astrophysical $^{12}\text{N}(p, \gamma)^{13}\text{O}$ reaction rate with CRIB	W. Liu	CIAE	CRIB		4	4	● B. Guo et al., PRC 87, 015803 (2013)		yes
NP0811-AVF64	Direct Measurement of the Cross Section of the Astrophysical Reaction $^{11}\text{C}(\alpha, p)^{14}\text{N}$	S. Hayakawa	CNS	CRIB		10	10	● S. Hayakawa et al., PRC, 93 065802(2016)	Dr.S.Hayakawa, U-Tokyo (2012)	yes
NP0709-LINAC33	Searching for a new Bk isotope of ^{234}Bk by ^{40}Ar -induced fusion reaction of ^{197}Au	D. Kaji	RNC	GARIS		6	6	● D. Kaji et al., Jou. Phys. Soc. Jpn. 85, 015002 (2016)		yes
NP0906-LINAC01	α -fine structure spectroscopy of ^{257}Rf and $^{259}\text{m}\text{Lr}$	M. Asai	JAEA	GARIS		19	2	● M.Asai et al., Nucl. Phys. A 944, 308 (2015)		yes
NP0802-RRC49	Neutron skin deduced from reaction cross sections with a solid hydrogen target	A. Ozawa	Tsukuba Univ.	RIPS		3.5	3.5	● T. Moriguchi et al., NIMA 624, 27 (2010) ● T. Moriguchi et al., PRC 88, 024610 (2013) ● T. Moriguchi et al., Nucl. Phys. A 929, 83 (2014)	Dr. T. Moriguchi, Univ. Tsukuba (2011)	yes
NP0802-RRC48	Knockout Reaction induced by ^6He at 82 MeV/u on Hydrogen Target	Y. Ye	Peking Univ.	RIPS		7	7	● Y. Ye et al., Nucl. Phys. A, 834, 454c-457c (2010) ● J.Q. Faisal et al., Chin. Phys. Lett. 27, 092501 (2010) ● J. L. Lou et al., PRC 83, 034612 (2011) ● Z.X.Cao et al., PLB 707, 46-51 (2012) ● L.H Lv et al., J. Phys. G 39, 065102 (2012) ● Z. Cao et al., Plasma Sci. & Tech. Vol. 14, No.6 (2012)	Dr.Zhongxin CAO, Peking-U Dr.Linhui LV, Peking-U Dr.Jun XIAO, Peking-U	no
NP0802-RRC52	Search for Isobaric Analog Resonances of $N=21$ nucleus ^{35}Si	N. Imai	CNS	RIPS		8	1(FY08) 5(FY09)	● N. Imai et al., PRC 85, 034313(2012)		yes
NP0811-SHARAQ72	Measurement of the spin isovector monopole resonance via the ($t, ^3\text{He}$) reaction at 900 MeV	K. Miki	RCNP	SHARAQ		9	9	● K. Miki et al., PRL 108, 262503 (2012)	Dr. K. Miki, U-Tokyo (2011)	yes
NP0702-RIBF23	Three nucleon force study via dp elastic scattering system at 190 and 250 MeV/A	K. Sekiguchi	Tohoku Univ.	BigRIPS		3.5	3.5	● K. Sekiguchi, Few Body Syst. (2012) ● K. Sekiguchi et al., PRC 83, 061001 (2011)		yes
NP0702-RIBF08	Measurements of reaction cross sections for nuclei far from stability	T. Ohtsubo	Niigata Univ.	BigRIPS		4	3(FY08) 1(FY09)	● M. Takechi et al., Nucl. Phys. A 834, 412c-415c (2010) ● M. Takechi et al., Mod. Phys. Lett. A25, 1878 (2010) ● T. Kuboki et al. Acta Phys. Polonica B42, 765-768 (2011) ● M. Takechi et al., PLB 707, 357-361 (2012) ● M. Takechi et al., EPJ web of Conferences 66, 02101 (2014) ● S. Suzuki et al., EPJ web of Conferences 66, 03084 (2014) ● A. Ozawa et al., PRC 89, 044602 (2014) ● M. Takechi et al., PRC 90, 061305 (2014)	Dr. S. Suzuki, Niigata Univ. (2013)	yes
FY2010										
NP0802-AVF45	Alpha resonance scattering on ^7Be	H. Yamaguchi	CNS	CRIB		10.5	3.5(FY08) 7(FY10)	● H. Yamaguchi et al., PRC 87, 034303 (2013) ● H. Yamaguchi et al., PRC 83, 034306 (2011)		yes
NP0709-AVF37	Tests of ^{30}P beam production with CRIB, for future studies of the structures of ^{31}S & ^{31}P relevant to the astrophysical reaction $^{30}\text{P}(p, \gamma)^{31}\text{S}$	J. He	IMP, CAS	CRIB		3.5	2	(test experiment)		yes
NP0811-AVF63	Direct measurement of the $^{18}\text{Ne}(\alpha, p)^{21}\text{Na}$ reaction	T. Hashimoto	RCNP	CRIB		12	2(FY09) 10(FY10)		Dr. D. M. Kahl (U-Tokyo)	no
NP0802-AVF44	α -fine structure spectroscopy of $^{257}, ^{259}\text{Lr}$	M. Asai	JAEA	AVF-C03		11	6.5(FY09) 1.5(FY10)	● N. Sato et al., Radiochimica Acta 102, 211-220 (2014)		no

NP0811-AVF62	Half-life measurement of ${}^7\text{Be}$ in superconducting metals	T. Ohtsuki	Kyoto Univ.	CRIB		4	2				yes
NP0802-AVF47	${}^8\text{B}$ Beam study for elastic scattering cross section measurements	C. Signorini	Univ. and INFN, Padova	CRIB		2	2				yes
NP0906-AVF04	The proton resonant scattering of ${}^{26}\text{Si}$ for studying the ${}^{26}\text{Si}(\rho, \gamma){}^{27}\text{P}$ reaction	C.S. Lee	Chung-Ang Univ.	CRIB		6	6	<ul style="list-style-type: none"> ● Y.K. Kwon et al., New Phys., Korean Phys. Soc. 60, 4, 346 (2010) ● H.S. Jung et al., PRC 85, 045802 (2012) ● H.S. Jung et al., PRC 90, 035805 (2014) 	Dr. H.S. Jung, Chung-Ang Univ. (2012)	yes	
NP0906-AVF01	Study of the resonant elastic/inelastic scattering of ${}^{21}\text{Na}+p$ relevant to the astrophysical ${}^{18}\text{Ne}(\alpha, p){}^{21}\text{Na}$ reaction	J. He	IMP, CAS	CRIB		9	9	<ul style="list-style-type: none"> ● J.J. He, et al., PRC 88, 012801(R) (2013) ● L.Y. Zhang et al., PRC 89, 015804 (2014) 	Dr. L.Y. Zhang (2013)	yes	
NP0811-RRC66	Investigation of the Structure of ${}^{10}\text{He}$ by missing mass measurement	D. Beaumel H. Otsu	I.P.N. Orsay RNC	RIPS		12	12	<ul style="list-style-type: none"> ● A. Matta, D. Beaumel, H. Otsu et al., PRC 92, 041302R (2015) 		yes	
NP0802-RIBF57	Structure and spectroscopy of neutron-rich nuclei via proton elastic and inelastic scattering	V. Lapoux A. Gillibert H. Otsu	CEA-Saclay DSM DAPNIA RNC	BigRIPS		14	14		Dr. Rui Jiu Chen, Peking-U (2013) Dr. Simon Boissinot, Univ. of Paris XI (2013)	yes	
NP0702-RIBF18	Production of spin-aligned radioactive-isotope beams via the two-step fragmentation reaction	H. Ueno	RNC	BigRIPS		6.5	6.5	<ul style="list-style-type: none"> ● Y. Ichikawa et al., Nature Phys. 8, 918-922 (2012) ● Y. Ichikawa et al., Hyperfine Interactions 220, 47-51 (2013) ● Y. Ichikawa et al., NIMB 317, B, 769-773 (2013) ● Y. Ichikawa et al., Butsuri, 68, 12, 823 (2013) ● Y. Ichikawa et al., Genshikaku Kenkyu, 59, 1, 29 (2014) 		no	
NP0906-RIBF06	Nuclear Moments of ${}^{43}\text{S}$ and ${}^{42}\text{P}$ isomeric states	J.-M. Daugas	CEA/DIF/DPTA/SPN	BigRIPS		3	3	<ul style="list-style-type: none"> ● R.Chevrier et al., PRL 108, 162501 (2012) 	Dr. R.Chevrier, U. of Caen (2013)	yes	
NP0702-RIBF17	Studies of Exotic Nuclei using $(p, 2p)$ Proton Knockout Reactions and Construction of a Broad-Range Magnetic Spectrometer	T. Kobayashi	Tohoku Univ.	BigRIPS		6	6			no	
NP0906-SHARAQ01	Studies of isovector non-spin-flip monopole resonance via the super-allowed Fermi type charge exchange reaction.	Y. Sasamoto	CNS	SHARAQ		6.5	6.5	<ul style="list-style-type: none"> ● T. Uesaka et al., Prog. Theor. Phys. Suppl. 196, 150-157 (2012) ● T. Uesaka et al., Prog. Theor. Exp. Phys. 03C007 (2012) 	Dr. Y. Sasamoto, U-Tokyo (2012)	yes	
NP0906-SHARAQ02	Development of the exothermic charge-exchange reaction as a new spin-isospin probe and its application to the observation of the isovector spin monopole resonance in ${}^{90}\text{Nb}$	S. Noji	NSCL, MSU	SHARAQ		6.5	6.5			no	
NP0702-RIBF27	Precision Spectroscopy of Pionic Atoms in $(d, {}^3\text{He})$ Nuclear Reactions	K. Itahashi	RNC	BigRIPS		6	3(FY09) 3.67(FY10)	<ul style="list-style-type: none"> ● N. Ikeno et al., Prog. Theor. Phys. 126, 483-509 (2011) ● K. Itahashi, Prog. Theor. Phys. Suppl. 186, 331-336 (2010) ● N. Ikeno et al., Eur. Phys. J. A 47, 161 (2011) ● N. Ikeno et al., Prog. Theor. Exp. Phys. 063D01 (2013) 	Dr. S. Itoh, U-Tokyo (2012)	yes	
NP0802-RIBF54	Spectroscopy of Pionic Atom in ${}^{122}\text{Sn}(d, {}^3\text{He})$ Nuclear Reaction	K. Itahashi	RNC	BigRIPS		9	1	<ul style="list-style-type: none"> ● N. Ikeno et al., Prog. Theor. Exp. Phys. 063D01 (2013) 	Dr. S. Itoh, U-Tokyo (2012)	no	
NP0702-RIBF11	Super-segmented beta-detector "CAITEN": Feasibility study for decay rate measurement	S. Nishimura	RNC	BigRIPS		2	2	<ul style="list-style-type: none"> ● S. Nishimura, Prog. Theor. Exp. Phys. 03C006 (2012) ● K. Steiger, S. Nishimura et al., Eur. Phys. Jour. A51:117 1-9 (2015) 	Dr. K. Steiger, TUM (2015)	yes	
NP0802-RIBF55	Inclusive Coulomb-breakup study of neutron drip-line nuclei	T. Nakamura	Tokyo Tech.	BigRIPS		7	4.5	<ul style="list-style-type: none"> ● T. Nakamura et al., Physica E 43, 820-824 (2011) ● T. Nakamura, Butsuri (JPS Membership J.) 12, 928 (2011) ● T. Aumann et al., Phys. Scr. T152, 014012 (2013) ● N. Kobayashi et al., PRC 86, 054604 (2012) ● T. Nakamura et al., PRL 112, 142501 (2014) ● N. Kobayashi et al., PRL 112, 242501 (2014) 	Dr. N. Kobayashi, Tokyo Tech. (2013)	yes	
NP0906-RIBF02	Single nucleon knockout reactions inside the island of inversion	D. Bazin	MSCL, MSU	ZD		4	4			no	
NP0906-RIBF03	Spectroscopy of ${}^{40}\text{Mg}$	P. Fallon	LBNL	ZD	DALI2	3	1	<ul style="list-style-type: none"> ● H.L. Crawford et al., PRC89, 041303 (2014) 		yes	
NP0912-RIBF33	Measurements of Interaction Cross Sections and Momentum Distributions for Mg isotopes in the "Island of inversion"	M. Takechi	RNC	ZD		6	4	<ul style="list-style-type: none"> ● S. Watanabe et al., PRC 89, 044610 (2014) ● M. Takechi et al., PRC 90, 061305 (2014) 	Dr. S. Suzuki, Niigata University (2013)	yes	
NP0702-RIBF32	Exploring the "Island of Inversion"	H. Scheit	TU Darmstadt	BigRIPS	DALI2	10	0.5(FY08) 3.2(FY10)	<ul style="list-style-type: none"> ● P. Doornenbal, H. Scheit et al., PRL 103, 032501 (2009) ● P. Doornenbal, H. Scheit et al., PRC 81, 041305(R) (2010) ● K. Li, Y. Ye et al., CPL 29, 10 (2012) ● P. Doornenbal, PTEP 2012, 03C004 (2012) ● P. Doornenbal, H. Scheit et al., PRL 111, 212502 (2013) ● P. Doornenbal, H. Scheit et al., PTEP 053D01 (2014) ● K. Li, et al., PRC92, 014608 (2015) ● P. Doornenbal et al., PRC 93, 044306 (2016) ● P. Doornenbal et al., PRC 95, 041301 (2017) ● H.N. Liu et al., PLB 787, 59 (2017) 		yes	
NP0702-RIBF28	Magicity in ${}^{42}\text{Si}$ and ${}^{54}\text{Ca}$	S. Takeuchi	RNC	BigRIPS	DALI2	6	3.7	<ul style="list-style-type: none"> ● S. Takeuchi et al., PRL 109, 182501 (2012) 	Dr. M. Matsushita, Rikkyo University (2011)	yes	
FY2011											
NP1006-AVF09	Direct measurement of the stellar reaction ${}^{22}\text{Mg}(\alpha, p){}^{25}\text{Al}$.	N.N. Duy L.H. Khiem	Vietnamese Acad. of Sci. and Tech.	CRIB		17	17	<ul style="list-style-type: none"> ● N.N. Duy et al., NIMA 723, 99 (2013) ● N.N. Duy et al., J. Phys. Sci. & App 3, 2, 82-85 (2013) 		no	
NP1012-AVF11	Study of resonant elastic/inelastic scattering of ${}^{22}\text{Na}+p$ relevant to the astrophysical ${}^{22}\text{Na}(\rho, \gamma){}^{23}\text{Mg}$ reaction	Y. Wang	CIAE	CRIB		11	11	<ul style="list-style-type: none"> ● S.J. Jin et al., PRC 88, 035801(2013) 	Dr. Sunjun Jin, CIAE(2013)	yes	
NP0811-RRC65	Deformation vs. magicity in the vicinity of ${}^{68}\text{Ni}$. Quadrupole moment measurement of the $13/2^-$ isomer of ${}^{69}\text{Cu}$.	G. Georgiev	CSNSM-CNRS	RIPS		7	7	<ul style="list-style-type: none"> ● G.Georgiev et al., PRC93 054313 (2016) 	Dr. A. Kusoglu, U.Istanbul (2016)	yes	
NP1012-SHARAQ05	Spin-isospin excitations of ${}^{12}\text{Be}$ via the (p, n) reaction in inverse kinematics	K. Yako	CNS	SHARAQ		6	6			no	
NP0702-RIBF30	In-beam gamma spectroscopy of the doubly magic nucleus ${}^{78}\text{Ni}$ and its vicinity	K. Yoneda	RNC	BigRIPS	DALI2	10	10	<ul style="list-style-type: none"> ● Y. Shiga et al., PRC 93, 024320 (2016) 	Dr. Y. Shiga, Rikkyo Univ. (2017)	no	
NP0702-RIBF31	Structure study of neutron-rich nuclei beyond ${}^{132}\text{Sn}$	N. Aoi	RCNP	BigRIPS	DALI2	10	3	<ul style="list-style-type: none"> ● H. Wang et al., Chin. Phys. Lett. 30, 4, 042501 (2013) ● H. Wang et al., PRC 88, 054318 (2013) ● H. Wang et al., Prog. Theor. Exp. Phys. 023D02 (2014) 		yes	
NP0912-RIBF34	Complete Set of Deuteron-Proton Elastic Scattering at 300 MeV/nucleon and Three Nucleon Force Effects	K. Sekiguchi	Tohoku Univ.	IRC room		5.5	5.5	<ul style="list-style-type: none"> ● K. Sekiguchi, Few Body Syst. (2013). ● Y. Wada et al., Few Body Syst. 54, 7-10, 1335 (2013) ● K. Sekiguchi et al., Phys. Rev. C 89, 064007 (2014) 		yes	
FY2012											
NP1012-AVF12	Direct measurement of ${}^{44}\text{Ti}(\alpha, p){}^{47}\text{V}$ reaction cross sections for astrophysical interest	H. Ishiyama	KEK	CRIB		4	4	<ul style="list-style-type: none"> ● S.K. Das et al., Bangladesh J. Phys. 12, 1-7 (2012) 		yes	

NP0702-LINAC12	Confirmation of the production of an isotope of the 113th element, $^{278}113$	K. Morita	RNC	GARIS		83(FY07) 72(FY08) 17(FY09) 81(FY10) 203(FY11) 106(FY12)		<ul style="list-style-type: none"> ● K. Morita et al., Jou. Phys. Soc. Jpn., 81, 103201 (2012) ● T. Sumita et al., Jou. Phys. Soc. Jpn., 82, 024202 (2013) 		yes
NP0702-RRC01	Development of SLOWRI and applications to precision spectroscopy on trapped RI ions.	M. Wada	RNC	RIPS		36	7.5(FY07) 10(FY08) 8(FY09) 4.5(FY10) 3(FY11) 3(FY12)	<ul style="list-style-type: none"> ● K. Okada et al., PRL 101, 212502 (2008) ● A. Takamine et al., Rev. Sci. Inst. 76, 103503 (2005) ● M. Wada et al., Hyp. Int. 199, 269 (2011) ● A. Takamine et al., Eur. Phys. J. A42, 369-373 (2009) ● S. Naimi et al., Int. J. Mass Spectrometry 337, 24 (2013) ● Y. Ito et al., PRC 88, 011306 (2013) 	Dr. A. Takamine, Univ. Tokyo (2007) Dr. Y. Ito, Tsukuba Univ. (2013)	yes
NP0709-RRC39	Measurement of nuclear moments of proton rich nuclei of the isospin $T=3/2$ in the sd-shell	T. Nagatomo	RNC	RIPS		8.5	4.5(FY08) 4(FY12)	<ul style="list-style-type: none"> ● T. Nagatomo et al., Hyperfine Interactions 198, 103-107 (2010) 		yes
NP1012-SHARAQ06	Tetra-neutron system produced by exothermic double-charge exchange reaction	S. Shimoura	CNS	SHARAQ		14	14	<ul style="list-style-type: none"> ● M. Kobayashi, et al., JPS Conf. Proc. 1, 013034 (2014) ● H. Miya, et al., NIMB 317, 701-704 (2014) ● T. Uesaka, et al., Prog. Theor. Exp. Phys. 03C007 (2012) ● K. Kisamori, et al., PRL 116 052501 (2016) 	Dr. K. Kisamori U-Tokyo (2015)	yes
NP1106-SAMURAI03	Exclusive Coulomb Breakup of neutron drip-line Nuclei	T. Nakamura	Tokyo Tech.	SAMURAI		8.5	7	<ul style="list-style-type: none"> ● Y. Togano et al., PLB 761, 412-418 (2016). ● T. Nakamura et al., Prog. Part. Nucl. Phys. 97, 53-122 (2017) 		no
NP1106-SAMURAI04	Structure of $^{18,19}\text{B}$ and $^{21,22}\text{C}$	N. Orr & J. Gibelin	LPC-Caen	SAMURAI		4	3	<ul style="list-style-type: none"> ● Y. Togano et al., Phys. Lett. B761 412(2016) ● J. Hwang et al., Phys. Lett. B769 503(2017) 	Dr. S. Leblond, LPC-Caen et Université de Caen Basse-Normandie (2015) Dr. J. Hwang, SNU (2015) Dr. S. Kim, SNU 2015 Dr. Quentin Deshayes, LPC-Caen and Université de Caen Normandie (2017)	no
NP1106-SAMURAI02	Spectroscopy of unbound oxygen isotopes	Y. Kondo	Tokyo Tech.	SAMURAI		3	2	<ul style="list-style-type: none"> ● Y. Kondo et al., PRL116, 102503 (2016) 	Dr. Quentin Deshayes, LPC-Caen and Université de Caen Normandie (2017)	yes
NP1006-SHARAQ04	Spectroscopy of single-particle states in oxygen isotopes via the (p, pN) reaction with polarized protons	T. Uesaka	CNS	SHARAQ		8.5	7.5		Dr. T.L. Tang U-Tokyo (2016) Dr. S. Kawase U-Tokyo (2016)	no
NP1112-RIBF83	Study of isomer and proton decays in $N \leq Z$ nuclei below ^{100}Sn .	P. Boutachkov R. Wadsworth A. Blazhev Z. Liu	TU Darmstadt U. of York U. of Cologne U. of Edinburgh	ZD	EURICA	7	6	<ul style="list-style-type: none"> ● P.J. Davies et al., Phys. Lett. B 767 (2017) 474 		no
NP1106-RIBF74	Preparation for in-beam spectroscopy of ^{100}Sn : Spectroscopy of ^{102}Sn via two-neutron removal	A. Obertelli P. Doornenbal	CEA Saclay RNC	ZD	DALI2	2	2	<ul style="list-style-type: none"> ● L. Audirac et al., PRC(R) 88, 041602 (2013) ● A. Corsi et al., PLB 743, 451 (2015) 		no
NP0811-RIBF70R1	Probing the $N, Z=50$ Shell Closures in the Vicinity of ^{100}Sn by Means of Relativistic Coulomb Excitation	P. Doornenbal	RNC	ZD	DALI2	4	4	<ul style="list-style-type: none"> ● P. Doornenbal et al., PRC 90, 061302(R) (2014) 		no
NP1106-RIBF73	Investigating the strength of the possible $N = 34$ subshell gap in ^{54}Ca	D. Steppenbeck S. Takeuchi	RNC	ZD	DALI2	3	3	<ul style="list-style-type: none"> ● D. Steppenbeck et al., Nature 502, 207–210 (2013) ● D. Steppenbeck et al., PRL 144, 252501 (2015) 		no
NP0702-RIBF10	Decay study for $^{75-78}\text{Co}$, $^{77-80}\text{Ni}$, $^{80-82}\text{Cu}$, and $^{82-83}\text{Zn}$ near the $N=50$ shell closure	S. Nishimura	RNC	ZD	EURICA	7.5	7.5	<ul style="list-style-type: none"> ● S. Nishimura, Prog. Theor. Exp. Phys. 03C006 (2012) ● Z.Y. Xu et al., PRL 113, 032505 (2014) ● E. Sahin et al. PRL 118, 242502 (2017) ● T. Sumikama, S. Nishimura et al, PRC 95, 051601 (R) (2017) ● P.-A. Soederstrom, S. Nishimura et al., PRC 92, 051305 (R) (2015) 	Dr. Z.Y. Xu, U-Tokyo (2014)	no
NP1112-RIBF85	Study of the isomeric and β -decays of ^{132}Cd and $^{136,138}\text{Sn}$.	G. Simpson, A. Jungclaus, A. Gadea	LPSC Grenoble, CSIC Madrid, IFIC Valencia	ZD	EURICA	6	5	<ul style="list-style-type: none"> ● J. Taprogge et al., PRL 112, 132501 (2014) ● G.S. Simpson et al., PRL 113, 132502 (2014) ● J. Taprogge et al., PLB 738, 223 (2014) ● G. Lorusso et al., PRL 114, 192501 (2015) ● J. Taprogge et al., PRC 91, 054324 (2015) ● A. Jungclaus et al., PRC 93, 041301(R) (2016) ● A. Jungclaus et al., PRC 94, 024303 (2016) ● J. Taprogge et al., Eur. Phys. J. A 52, 347 (2016) ● A. Jungclaus et al., PLB 772, 483 (2017) 	Dr. G. Gey, University of Grenoble (2014) Dr. J. Taprogge, the Universidad Autónoma de Madrid (2015) Dr. J. Keatings Ph. D. thesis, University of the West of Scotland(2016)	no
NP0802-RIBF60&62R1	Search for long-lived isomeric states in neutron-rich Cd, Ag, and Pd isotopes / β -decay spectroscopy of the very neutron-rich nuclei Nb-Ag, including the r-process waiting points $^{128}\text{Pd}_{82}$.	H. Watanabe G. Lorusso	Beihang Univ., RNC	ZD	EURICA	13	10	<ul style="list-style-type: none"> ● P.-A. Soderstrom et al., PRC 88, 024301 (2013) ● H. Watanabe et al., PRL 111, 152501 (2013) ● H. Watanabe et al., PRL 113, 132502 (2014) ● G. Lorusso et al., PRL 114, 192501(2015) ● S. Nishimura et al., PRL 106, 052502 (2011) ● H. Watanabe et al., PLB 696, 186 (2011) ● T. Sumikama et al., PRL 106, 202501 (2011) ● H. Watanabe et al., PLB 704, 270 (2011) ● F. Browne et al., PLB 750, 448 (2015) 	Dr. Z.Y. Xu, U-Tokyo (2014)	yes
NP1112-RIBF90	Neutron monopole drift towards to ^{78}Ni investigated by decay-spectroscopy.	M. Niikura	U. of Tokyo	ZD	EURICA	8.5	5.5	<ul style="list-style-type: none"> ● Z.Y. Xu et al., PRL 113, 032505 (2014) 		yes

FY2013										
NP1012-AVF10	Study of the beta-delayed alpha decay of ^{16}N	S. Cherubini	Univ. and INFN LNS Catania	CRIB		20	2(FY11) 18(FY13)			no
NP1206-LINAC04	Search for beta-delayed fission of ^{230}Am	A. Andreyev	U. of the West of Scotland	GARIS		6	6	<ul style="list-style-type: none"> ● G. L. Wilson et al., PRC 96, 044315 (2017) 	Dr. Mirei Takeyama, Yamagata-U (2013)	yes
NP0802-RRC53	Novel nuclear laser spectroscopy for RI atoms injected to superfluid helium ~ Precision measurement of hyperfine structure in $^{84,86}\text{Rb}$ atoms ~	Y. Matsuo	Hosei Univ.	RIPS		5	1.5(FY10) 1.5(FY11) 2(FY12)	<ul style="list-style-type: none"> ● T. Furukawa et al., J. Phys. Conf. Ser. 302, 012054 (2011) ● T. Furukawa et al., NIMB 317, 590-594 (2013) ● K. Imamura et al., NIMB 317, 595-598 (2013) ● X.F. Yang et al., NIMB 317, 599-602 (2013) ● X.F. Yang et al., Hyp. Int. 227, 147-156 (2014) ● X.F. Yang et al., EPJ Web of Conferences 66, 11041 (2014) ● X.F. Yang et al., PRA 90, 052516 (2014) ● K. Imamura et al., JPS Conf. Proc. 6, 030115 (2015) 	Dr. X.F. Yang, Peking-U (2014) Dr. K. Imamura, Meiji-U (2016)	yes
NP1112-RRC07-1	Spectroscopy of proton drip-line nuclei ^7B and ^8C .	E. Nikolskii	Kurchatov & RNC	RIPS		9.5	9.5			yes
NP0702-RRC19	Measurement of electromagnetic moments for neutron-rich sulfur isotopes	A. Yoshimi	Okayama Univ.	RIPS		12	5.5(FY09) 6.5(FY13)			yes
NP0709-RIBF40	Proton elastic scattering of light unstable nuclei	S. Terashima	Beihang Univ.	BigRIPS		4.5	4.5			no
NP1112-SAMURAI08R1	Exploration of cluster states on neutron rich isotopes by means of broadband magnetic spectrometer SAMURAI	H. Otsu	RNC	SAMURAI	DALI2	3	3			no

NP1206-SAMURAI10	Study of Neutron-Proton Correlation & 3N-Force in $N=Z$ nuclei	J. Lee	RNC	SAMURAI	DALI2	1.25	1.25		Dr. H. Liu, Peking-U (2016)	no
NP1112-RIBF87	Shape evolution in neutron-rich $A \sim 140$ nuclei beyond the doubly-magic nucleus ^{132}Sn .	A. Odahara R. Lozeva C. Moon	Osaka U. CNRS IPHC Hoseo U	ZD	EURICA	5	5	<ul style="list-style-type: none"> ● R. Lozeva et al., PRC 92, 024304 (2015) ● P. Lee, et al., PRC 92 044320(2015) ● R. Lozeva, et al., PRC 93 014316(2016) ● B. Moon, et al., Phys. Rev. C 95 (2017) 044322. ● B. Moon, et al., Phys. Rev. C 96 (2017) 014325. 	P. Lee, Ph.D thesis, Chung-Ang University (2017).	no
NP0702-RIBF26	β -decay study of the neutron-rich Rb, Sr, Y and Zr isotopes on r-process path	T. Sumikama	RNC	BigRIPS		4	3(FY09)	<ul style="list-style-type: none"> ● S. Nishimura et al., PRL 106, 052502 (2011) ● H. Watanabe et al., PLB 696, 186 (2011) ● T. Sumikama et al., PRL 106, 202501 (2011) ● H. Watanabe et al., PLB 704, 270 (2011) ● F. Browne et al., PLB 750, 448 (2015) ● F. Browne et al., PRC 96, 024309 (2017). 		no
NP0702-RIBF26R1	Decay spectroscopy of neutron-rich Zr and Mo isotopes.	T. Sumikama	RNC	BigRIPS	EURICA	10.5	9.5	<ul style="list-style-type: none"> ● Z. Patel et al., PRL 113, 262502 (2014) ● Z. Patel et al., PLB 753, 182 (2016) ● E. Ideguchi et al., PRC 94 064322(2016) ● J. Wu, et al., PRL 118 0722701(2017) . ● Z. Patel et al., PRC 96 034305(2017) . 	Dr. F. Browne, U. of Brighton	no
NP1112-RIBF86	Search for K-Isomers in Neutron-Rich $Z = 60$ Isotopes.	E. Ideguchi G. Simpson	RCNP, LPSC Grenoble	ZD	EURICA	7	5.5	<ul style="list-style-type: none"> ● G. Benzoni et al. PLB 751 (2015) 107 ● A. I. Moraes et al., PRC 93, 034328 (2016) ● A.I.Moraes et al., Phys.Lett. B 765, 328 (2017) 	Dr. R. Yokoyama, U-Tokyo (2016) Dr. J. Wu, Peking-U (2016) Dr. Z. Patel, U-Surrey (2016)	no
NP1112-RIBF80	Structural changes between $N=40$ and $N=50$ next to Ni isotopes: a joint proposal.	G. Benzoni	INFN Milano	ZD	EURICA	7	5.5	<ul style="list-style-type: none"> ● G. Benzoni et al. PLB 751 (2015) 107 ● A. I. Moraes et al., PRC 93, 034328 (2016) ● A.I.Moraes et al., Phys.Lett. B 765, 328 (2017) 	N.Panzeri, Universita' degli Studi di Milano (2014)	yes
NP1012-RIBF49R1	Intermediate-energy Coulomb excitation in $^{74,76}\text{Ni}$: probing the core polarization around the doubly magic ^{78}Ni .	G. de Angelis	INFN LNL	ZD	DALI2	6	5.5			no
NP0709-RIBF42	Constraining the density dependence of the symmetry energy via isospin diffusion	W.G. Lynch	MSCL, MSU	BigRIPS		6	6			no
NP0702-RIBF09	Decay spectroscopy in the vicinity of ^{100}Sn	M. Lewitowicz	GANIL	BigRIPS	EURICA	10	1(FY11) 9(FY12)	<ul style="list-style-type: none"> ● I Celikovic et al., Phys. Rev. Lett. 116, 162501 (2016) 	I. Čeliković , PhD thesis, GANIL 2013 D. Lubos, PhD thesis, TU Munich, 2016 J. Park, PhD thesis, Univ. of British Columbia, 2017	no
NP1206-RIBF97	Beta-delayed proton emission of ^{73}Sr and effective lifetime of the rp-process waiting point ^{72}Kr in X-ray bursts environment	G. Lorusso	RNC	ZD	EURICA	4.5	4		Dr. L.Sinclair (2016)	no

FY2014										
NP0912-AVF08	Dynamics of the ^6B interaction with ^{208}Pb at the Coulomb barrier	M.Mazzocco	Univ. and INFN, Padova	CRIB		7	7			no
NP1306-SAMURAI17	Study of Gamow-Teller and spin-dipole transitions from ^{132}Sn via the (p,n) reaction at 270 MeV/u	M. Sasano R.G.T. Zegers	RNC NSCL, MSU	SAMURAI	-	6	6			no
NP1306-SAMURAI14	Fission Barrier Studies of Neutron-Rich Nuclei via the $(p, 2p)$ Reaction	D. Muecher	TU Muenchen	SAMURAI	-	5	0.5		Dr. S. Reichert, TUM	no
NP1306-RIBF31R1	Structure study of neutron-rich nuclei beyond ^{132}Sn	W. He N. Aoi	RNC RCNP	ZD	DALI2	3.5	3.5			no
NP1312-RIBF118	Shell Evolution and systematic Search for Z_1 Energies	P. Doornenbal A. Obertelli	RNC CEA Saclay	ZD	EURICA DALI2	10	10	<ul style="list-style-type: none"> ● C. Santamaria et al., PRL 115, 192501 (2016) 	Dr. C. Santamaria, Paris XI Uni. (2015) Dr. M.L. Cortes, TU Darmstadt (2016) Dr. L. Olivier, University Paris Sud. (2017)	no
NP1312-SHARAQ03R1	Direct mass measurement of neutron-rich Calcium isotope at $N \sim 34$.	S. Michimasa	CNS	SHARAQ	-	8.5	8.5		Dr. M.Kobayashi, Univ. of Tokyo (2017)	no
NP1312-RIBF54R1	Spectroscopy of Pionic Atom in $^{122}\text{Sn}(d, ^3\text{He})$ Nuclear Reaction	K. Itahashi	RNC	BigRIPS		10.5	10.5			no
NP1106-SHARAQ08-1	Development of the parity-transfer reaction as a new probe to pionic 0^- state	M. Dozono	CNS	SHARAQ		4	4	<ul style="list-style-type: none"> ● M. Dozono et al., NIM. A 830 233-242 (2016) 		no
NP1012-RIBF63	Development of energy degraded RI beam.	T. Sumikama	RNC	ZD		2	1			yes
NP1012-RIBF61	The pygmy resonance in tin isotopes studied by inelastic alpha scattering	T. Aumann	TU Darmstadt	ZD		8	4.5			no
NP1306-RIBF51R1	Pygmy Dipole Resonance in $^{70,72}\text{Ni}$ and the properties of neutron skin	O. Wieland	INFN sez. Milano	ZD	DALI2	3	2		Dr. Riccardo Avigo	no
NP1112-RIBF88R1	Decay spectroscopy of neutron-rich rare-earth isotopes around double mid-shell	H. Watanabe P.-A. Soderstrom P.H. Regan P.M. Walker	Beihang Univ. RNC U. of Surrey	ZD	EURICA	10.5	5.5	<ul style="list-style-type: none"> ● H. Watanabe et al., PLB 760, 641-646 (2016) ● P.-A. Söderström, et al. Physics Letters B 762, 404 (2016) ● J. Wu, et al. Physical Review Letters 118, 072701 (2017) 	Jin Wu, PhD thesis Peking Univ.(2016) L.A. Gurgi PhD thesis, University of Surrey, UK (2017)	yes
NP1312-RIBF56R1	Isoscalar and isovector dipole resonances in neutron-rich oxygen isotopes	H. Baba	RNC	ZD	DALI2	10	7.5	<ul style="list-style-type: none"> ● N.Nakatsuka, H.Baba, et al., Phys.Lett. B 768, 387 (2017) 		no
NP1312-SAMURAI18R1	Two-Neutron Momentum Correlation in Borromean Nuclei	A. Corsi Y. Kubota	CEA Saclay CNS/RNC	SAMURAI	DALI2	6	6		Y. Kubota, (Feb. 13, 2017).	no

FY2015										
NP1412-AVF24	Production of pure $^{178\text{m}_2}\text{Hf}(16^+)$ sample of nano-gram	N. Imai	CNS	CRIB		0.333	0.333			no
NP1412-AVF20R1	Measurement of alpha elastic scattering on ^{15}O	K.I. Hahn	Ewha Womans Univ.	CRIB		9	9		Ph. D thesis of D. H. Kim-	no
NP1406-AVF23	New study of the $^{18}\text{F}(\alpha, p)^{15}\text{O}$ reaction at astrophysical energies using the Trojan Horse Method at CRIB	S. Cherubini	U. di Catania - INFN-LNS	CRIB		18	18			no
NP1306-LINAC07-9	Initial Study of Atomic Masses in Trans-Uranium Elements at GARIS-II by Means of a Multi-Reflection Time-of-Flight Mass Spectrograph	P. Schury	RNC	GARIS		15	2.5(FY14) 9(FY15)	<ul style="list-style-type: none"> ● P.Schury et al., PR C 95 (2016) 011305 		yes
NP1306-LINAC10	New isotope production of neutron-deficient actinide close to $N=126$ closed shell	Y. Wakabayashi	RNC	GARIS	-	10	3(FY13)			no
NP1406-LINAC10R1						26	6(FY14) 20(FY15)			
NP1312-LINAC17	Advanced development of GARIS-II by using He- H_2 mixed gas as a filled gas toward SHE study	D. Kaji	RNC	GARIS-II		49	14(FY14) 35(FY15)	<ul style="list-style-type: none"> ● D. Kaji and K. Morimoto, Nucl. Instr. and Meth. A792, p.11 (2015) ● D. Kaji, K. Morimoto et al., J. of Phys. Soc. of Jpn., 86, p.085001 (2017) 		yes
NP1406-RR32	Isotope Identification in Nuclear Emulsion Plate for Double-Hypernuclear Study	K. Nakazawa	Gifu U.	RIPS		2.5	2.5			no
NP1312-RR27	Search for ^{10}N resonances with analyzing power in $^6\text{C}+p$ scattering	T. Teranishi	Kyushu U.	RIPS		3	3			no

NP1312-RRC28	Ground-state nuclear-moment measurement of neutron-rich sulfur isotopes	H. Ueno	RNC	RIPS		19	4.5(FY14) 9(FY15)				no
NP1406-RRC31	Systematic study of single particle structures around island of inversion	N. Imai	CNS	RIPS		5	5				no
NP1312-RRC29-8	Efficiency development of KEK isotope separation system	Y. Hirayama	KEK	KISS		12	4(FY14) 8(FY15)				yes
NP1406-RIBF126	Collective properties in low-lying states in ^{77}Cu via Coulomb excitation	E. Sahin	U. of Oslo	ZD	DALI2	6	5				no
NP1306-RIBF98R1	The development of quadrupole collectivity in ^{136}Sn and Te isotopes and the decay of a mixed-symmetry state in ^{136}Te	A. Jungclaus	CSIC	ZD	DALI2	3	3	● V. Vaquero, A. Jungclaus, P. Doornenbal et al., PRL 118, 202502 (2017)		PhD thesis of Victor Vaquero, Universidad Autónoma de Madrid	no
NP1412-RIBF118R1	Shell Evolution and systematic Search for 2^+_1 Energies	P. Doornenbal A. Obertelli	RNC CEA Saclay	ZD	DALI2	9	9	● S. Chen et al. PRC (2017) ● F. Flavigny et al., PRL (2017) ● M. Lettmann et al. PRC (2017) ● N. Paul et al., PRL (2017) ● C. Shand et al. PLB (2017)		C. Shand, Phd, University of Surrey, 2017	no
NP1106-RIBF65	Energy Dependent Study of Deuteron Analyzing Powers for dp Elastic Scattering and Three Nucleon Force Effects	K. Sekiguchi	Tohoku Univ.	IRC room		4	4				no
NP1112-RIBF94	Shape coexistence and electromagnetic properties in the $A=70$ mirror nuclei ^{70}Kr and ^{70}Se .	W. Korten P. Doornenbal	CEA Saclay RNC	ZD	DALI2	8	6			PhD theses, T. Arici, Univ. of Giessen, Germany (June 2017)	no
NP0702-RIBF04R1	Search for two-proton radioactivity of ^{59}Ge , ^{63}Se , and ^{67}Kr .	B. Blank S. Grévy	CEN Bordeaux-Gradignan	ZD	EURICA	6	5	● B. Blank et al., PHYSICAL REVIEW C 93, 061301(R) (2016) ● T. Goigoux et al., PHYSICAL REVIEW LETTERS 117, 162501 (2016)		PhD thesis, T. Goigoux, Univeristy of Bordeaux, 2017	no
NP1112-RIBF82	Comparison of $T_2=2$ beta decays with their mirror process on $T_2=2$ nuclei and search for isospin suppressed gamma and proton transitions.	B. Rubio Y. Fujita W. Gelletly	IFIC Valencia Osaka U. U. of Surrey	ZD	EURICA	5	5			P. Aguilera Ph. D	no
NP1112-RIBF93	Study of isospin symmetry and isoscalar pn-pairing beyond the $f_{7/2}$ shell.	G. de Angelis A. Algora F. Recchia B. Rubio	INFN Legnaro IFIC Valencia U. of Padova IFIC Valencia	ZD	EURICA DALI2	5	5	● A. I. Morales, A. Algora, B. Rubio et al. PHYSICAL REVIEW C 95, 064327 (2017)			no
NP1412-RIBF124R1	Study of proton shell evolution through magnetic moment measurement of Cu and Zn isotopes	Y. Ichikawa	RNC	BigRIPS		6	6				no
NP1306-RIBF99	Spin-alignment in abrasion-fission reaction of a 345 MeV/u ^{238}U beam -- g-factor measurement of isomeric states	J.-M. Daugas	CEA	BigRIPS		3.5	2.5				no
NP1312-SAMURAI21	Spectroscopy of unbound oxygen isotopes II	Y. Kondo	Tokyo Tech	SAMURAI	DALI2	11.5	11.5				no

FY2016											
NP1412-AVF19R1	Study of α cluster structure in ^{22}Mg	K. Chae	SungKyunkwan U.	CRIB		10	10				no
NP1512-AVF27	Measurement of the $^7\text{Be}(d,p)$ Reaction with Implanted ^7Be target and the Primordial ^7Li Production in the Big Bang Nucleosynthesis	H. Yamaguchi	CNS	CRIB		5	2				no
NP1512-AVF33	^{26}Mg Proton Resonant Elastic Scattering with CRIB	D.M. Kahl	CNS	CRIB		13	13				no
NP1512-AVF38	Indirect study of the Big Bang Nucleosynthesis reactions $^7\text{Be}(n,p)^7\text{Li}$ and $^7\text{Be}(n,\alpha)^4\text{He}$ by the Trojan Horse Method	S. Hayakawa	CNS	CRIB		14	14				no
NP1512-LINAC07R1	Initial Study of Atomic Masses in Trans-Uranium Elements at GARIS-II by Means of a Multi-Reflection Time-of-Flight Mass Spectrograph	P. Schury	Tsukuba U.	GARIS	-	16	16	● P. Schury et al., NIM B 407,160-165 (2017)			no
NP1512-LINAC23	Mass measurement of even-even $N = Z - 2$ isotopes	S. Kimura	Tsukuba U.	GARIS	-	10.5	10.5				no
NP1512-LINAC24	Probing $N=152$ Deformed Shell Closure via High-precision Mass Measurement with Direct and β -Decay Production	Y. Ito	RNC	GARIS	-	16	16	● P. Schury et al., Nucl. Instrum. Meth. B 407,160 (2017) ● P. Schury et al., PRC 95, 011305(2017)			yes
NP1612-LINAC24R1	Request for modification of NP1512-LINAC24 (Probing $N=152$ Deformed Shell Closure via High-precision Mass Measurement with Direct and β -Decay Production)	Y. Ito	RNC	GARIS	-	14	6.5	● P. Schury et al., Nucl. Instrum. Meth. B 407 160 (2017)			no
NP1406-RRC33	Development of OROCHI towards laser spectroscopy for low-yield exotic nuclei	K. Imamura	Meiji U./ RNC	RIPS	-	9	2				no
NP1512-RRC40	Yield development of KEK Isotope Separation System (KISS)	Y. Watanabe	KEK	KISS	-	7	4				no
NP1512-RRC41	Lifetime measurement of nuclei around $N=126$ using KISS	Y. Hirayama	KEK	KISS	-	9	8	● Y. Hirayama et al., NIM B 412 11(2017) ● Y. Hirayama et al., PRC 96 014307(2017)			no
NP1206-SAMURAI13	Vector analyzing power measurement for p - ^6He elastic scattering at 200 MeV/A	S. Sakaguchi	Kyushu U.	SAMURAI	-	6	6				no
NP1512-SHARAQ10	Tetra-neutron resonance produced by exothermic double-charge exchange reaction	S. Shimoura	CNS	BigRIPS/SHARAQ	-	8	8				no
NP1306-SAMURAI20	Measurement of the neutron-decay lifetime of the ^{26}O ground state at the SAMURAI setup at RIBF	C. Caesar	TU Darmstadt	SAMURAI	-	4.0	4				no
NP1312-RIBF03R1	Spectroscopy of ^{40}Mg	P. Fallon	LBNL	BigRIPS/ZDS	DALI2	6.5	6.5	● H.L. Crawford et al., PRC 89, 041303 (2014)			no
NP1406-SAMURAI27	Spectroscopy of Odd-A Nuclei in the Island of Inversion	N. Kobayashi	U. of Tokyo	BigRIPS/SAMURAI	DALI2	7	3.5				no
NP1412-RIBF132	Proton and Matter Radii and Momentum Distribution of Borromean nuclei at the neutron drip line	R. Kanungo	Saint Mary's U.	BigRIPS/ZDS	DALI2	3	3				no
NP1312-SAMURAI22	Study of density dependence of the symmetry energy with the measurements of charged pion ratio in heavy RI collisions (II)	T. Murakami W.G. Lynch T. Isobe B. Tsang	Kyoto U. NSCL MSU RNC	BigRIPS/SAMURAI	-	7.0	7	● R. Shane et al., Nucl. Instr. and Meth. A 784, 513-517 (2015) . ● G. Jhang et al., J. Korean Phys. Soc. 69 144-151(2016) . ● S. Tangwancharoen et al., Nucl. Instr. and Meth. A 853 44-52(2017). ● P. Lasko et al., Nucl. Instr. and Meth. A 856, 92-98 (2017).		S. Tangwancharoen, PhD thesis, Michigan State University, June 2016. G. Jhang, PhD thesis, Korea University, August 2016.	no
NP1306-RIBF106	Masses and beta-decay properties of r-process nuclei around $N=56$	A. Estrade	U. of Edinburgh	ZD	EURICA	5.0	5				no
NP1306-SAMURAI15	Study of density dependence of the symmetry energy with the measurements of charged pion ratio in heavy RI collisions	W.G. Lynch, T. Murakami, T. Isobe, B. Tsang	NSCL, MSU Kyoto U. RNC	SAMURAI	-	6.5	6.5	● R. Shane et al., Nucl. Instr. and Meth. A 784, 513-517 (2015) . ● G. Jhang et al., J. Korean Phys. Soc. 69 144-151(2016) . ● S. Tangwancharoen et al., Nucl. Instr. and Meth. A 853 44-52(2017). ● P. Lasko et al., Nucl. Instr. and Meth. A 856, 92-98 (2017).		S. Tangwancharoen, PhD thesis, Michigan State University, June 2016. G. Jhang, PhD thesis, Korea University, August 2016.	no
NP1312-RIBF113	Measurement of Giant Monopole Resonance in ^{132}Sn	S. Ota	CNS	BigRIPS	-	12.5	12.5				no
NP1412-RIBF123R1	Determination of neutron skin thickness via measurements of σ_1 and σ_{cc} of Ni isotopes	M. Takechi	Niigata U.	BigRIPS		5.0	5				no

NP1512-RIBF79R1	Nucleon density distributions of ^{132}Sn deduced via ESPRI measurements –Toward precision measurements of scattering observables of heavy unstable nuclei--	J. Zenihiro	RNC	BigRIPS		11.0	5.5			no
NP1512-RIBF140	Shape coexistence along $N=40$	F. Recchia	U. Padova	BigRIPS/ZDS	EURICA	3.5	3.5			no
NP1512-SAMURAI36	Search for ^{22}C (2^+), ^{21}B , ^{23}C and ^{25}N : Structure at and beyond the $N=16$ sub-shell closure	N.Orr	LPC-Caen	SAMURAI		6	3			no