Proposal for Nuclear Physics Experiment at RI Beam Factory (RIBF NP-PAC-26, 2025) Title of Experiment [] NP experiment [] Detector R&D [] Construction [] Update proposal (Experimental Program: NP	Proposal Number (Use	r Support Office use only)				
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Co-Spokesperson (If any): Name		ally).				
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n-House Contact Person (If any):	In-House Contact Pers	son (If any):				
Name		on (ii ary).				
Institution						
Title of position						
Address	•					
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Email		- 1 W.				

Beam Time Request Summary:

Please indicate requested beam times of T_{User-Tuning} & T_{User-Data Run} only. T_{BigRIPS} and Total times will be

given by RIKEN.

giveriby Mitch			ı
	TBigRIPS: Tuning time with BigRIPS for secondary beam settings	(User Support Office use only)	Days
Total Beam Time	Tuser_Tuning: Tuning time for users' own equipment and/or detectors using primary / secondary beams		Days
	T User-Data Run: Beam-time for data runs		days
	TOTAL	(User Support Office use only)	days

Beam summary

Primary Beam:

Particle Energy	(E/A MeV) Intensity	(pnA)
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Secondary Beams:

occondary beams.						
	RI Be	Beam-on-Target Time for DATA RUN				
Isotope	Energy (<i>E/A</i> MeV)	Rate of Isotope (/s)	Total Beam Rate @ F3 (/s)	Days		
		_	_			

Fill each row for each BigRIPS setting, with objective isotope, its energy, rate, and total beam rate which cannot exceed 10⁷/s in BigRIPS due to radiation regulation.

Keywo	rds:						
[]	New isotope search						
[]	Lifetime measurement						
[]	Mass measurement						
[]	Superheavy element						
[]	β-γ spectroscopy						
[]	In-beam γ-ray spectroscopy [] 2 ⁺ 1 study						
[]	Nucleosynthesis [] r process	[]	rp process				
[]	Nuclear structure around [] ³² Mg [] ¹⁰⁰ Sn	[]	⁴² Si ¹³² Sn		⁷⁸ Ni Others ()
[]	Nuclear reaction			L J	<u> </u>		
1 1	Shell evolution						
[]	Nuclear moment						
[]	Spin-isospin excitation						
[]	Nuclear force						
[]	Nuclear equation of state						
[]	Exotic atom						
[]	Others ()	
Readin	ess						
Estima	ated date ready to run the experiment						
Dates	which should be excluded, if any						

Summary of Experiments

List of Collaborators (including spokesperson)

Name	ors (including spokesperso Institution	Country of location	Title or position
		•	•
	l l		

Detailed Description of the proposed experiment

Please describe in details about the proposed experiment, where the format is free. They should include;

- 1. Goals and methods of the proposed experiment
- 2. Estimation of beam time requested
- 3. Experimental conditions such as beam conditions, targets and detectors
- 4. Readiness
