

## Recoil Spectrometer for ReA12 workshop MSU August 21<sup>st</sup>-22<sup>nd</sup> 2013

*Wednesday, August 21<sup>st</sup> 2013*

Time	Title	Speaker	Duration
8:30-9:00 am	Breakfast/coffee		
9:00-9:30 Chair M. Couder	Looking for needles in haystacks ... New Physics with ReA12 and recoil separators	C.J. Lister	25+5
9:30-10:15	Astrophysics/ReA12	M. Smith	30+15
10:15-11:00	Surrogate reactions for stewardship science: How ReA12 can help	J.A. Cizewski	30+15
11:00-11:30	Coffee break		
11:30-12:15	Opportunities and requirements for a recoil separator at ReA12 and FRIB	K.-E. Rehm	30+15
12:15-2:00	Lunch: LAB BBQ (4\$/person)		
2:00-2:45 Chair K. Wimmer	Towards the Iso-spin Frontier @Vamos++	N. Alahari	30+15
2:45-3:30	Physics with Gamma Detector Arrays coupled to Recoil Separators at ReA12	M. Carpenter	30+15
3:30-4:00	Physics and separator requirements for high-spin states with ReA12	H. Iwasaki	20+10
4:00-4:30	Coffee break		
4:30-5:00 Chair A. Gade	A next generation recoil separator for nuclear astrophysics SECAR	G. Berg	20+10
5:00-5:30	Transfer reactions at ReA12	R. Kanungo	
5:30-6:00 pm	Multi nucleon transfer as a tool to study n-rich species	D. Ackermann	
6:30 pm	Dinner at Beggars Banquet (no host)		
<i>Thursday, August 22<sup>nd</sup> 2013</i>			
9:00-9:20 Chair M. Hausmann	Heavy Element Studies with Gas-filled Separators and Radioactive Beams	J. Gates	20
9:20-9:40 am	Large Acceptance, Compact Gas-Filled Separator, AGFA	D. Potterveld	20
9:40-10:00 am	Discussion Gas-filled spectrometers		20
10:00-10:20	Superb	D. Seweryniak	20
10:20-10:40	Optics options for Superb	Z. Jackson	20
10:40-11:00	Discussion on Superb		20
11:00-11:30	Coffee break		
11:30-12:30	Isla	D. Bazin	30+30
12:30-1:30 pm	Lunch in Atrium NSCL		
1:30-3:30	Evaluation/decision matrix	DL:M. Amthor	
3:30-4:00	Coffee break		
4:00-6:00	Evaluation/decision matrix		
6:00-7:00	Conclusion/recommendation		

Friday 23<sup>rd</sup> at 7-9pm there is a recoil working group break out session