

Preliminary Program
Recoil Spectrometer for ReA12 workshop
MSU August 21st-22nd 2013

Wednesday, August 21st 2013

| Time | Title | Speaker | Duration |
|--------------|---|----------------|-----------------|
| 8:30-9:00 am | Breakfast/coffee | | |
| 9:00-9:30 | 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 | | |
| 2:00-2:45 | 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 | |
| 4:00-4:30 | Coffee break | | |
| 4:30-5:00 | A next generation recoil separator for nuclear astrophysics SECAR | G. Berg | |
| 5:00-5:30 | Transfer reactions at ReA12 | R. Kanungo | |
| 5:30-6:00 pm | Opportunities for SHE related research at RIB facilities | D. Ackermann | |
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Thursday, August 22nd 2013

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|---------------|--|---------------|-------|
| 9:00-9:30 am | Heavy Element Studies with Gas-filled Separators and Radioactive Beams | J. Gates | |
| 9:30-10:00 | Large Acceptance, Compact Gas-Filled Separator, AGFA | D. Potterveld | |
| 10:00-10:30 | Superb | D. Seweryniak | |
| 10:30-11:00 | Optics options for Superb | Z. Jackson | |
| 11:00-11:30 | Coffee break | | |
| 11:30-12:30 | Isla | D. Bazin | 30+30 |
| 12:30-1:30 pm | lunch | | |
| 1:30-3:30 | Contributions/discussion | | |
| 3:30-4:00 | Coffee break | | |
| 4:00-6:00 | Evaluation/decision matrix | | |
| 6:00-7:00 | Conclusion/recommendation | | |

*to be confirmed