

Low Energy Community Meeting

August 23-24, 2013

East Lansing, Michigan



274 participants including webinar

23 August - Friday - Molecular Plant Science Building

9:00 Meet for continental breakfast and informal discussions outside MPS1200 provided.

Plenary talks will take place in Molecular Plant Science Building room 1200

10:00 Welcome

10:15 [FRIB/NSCL Status and Overview](#) – Georg Bollen/Daniela Leitner

10:45 [ATLAS Status and Overview](#) – Guy Savard

11:15 [Theory Progress Highlights and Challenges](#) – Sanjay Reddy

11:45 ARUNA Facility Presentations (20 minutes each)

[Notre Dame Nuclear Structure Lab](#) – Michael Wiescher

[HIGS](#) – Calvin Howell

13:00 Working Group Sessions I (Group - Room)

- Theory - PSS A148
- Precision Measurements - PSS A158
- Data - MPS 1200
- Decay Spectroscopy - PSS A155
- High Rigidity Spectrograph - PSS A149

15:00 Break

15:30 Working Group Sessions II

- Astrophysics Equipment - MPS1200
- Theory - PSS A148
- [In-Flight Gamma-ray Detection](#) - PSS A155
- Neutron Detection - PSS A149
- HELIOS - PSS A158

17:30 Agency Comments

[Brad Keister - NSF](#)

[Tim Hallman - DOE](#)

24 August - Saturday

8:00 Continental breakfast and informal discussions

9:00 Working Group Sessions III

- Decay Spectroscopy - PSS A155
- [Equation of State, EOS](#) - PSS A158
- Applications - MPS1200
- Superheavy Elements - PSS A149
- Data Acquisition and Computing - PSS A148

11:00 Break

11:15 [Review of Nuclear Data Progress, Needs, and Applications](#) – Libby McCutchan

11:45 [Review of Low-Energy Nuclear Workforce Statistics and Projected Needs](#) - Michael Thoennessen

12:00 Community Discussion

How to arrive at a collective vision for the field
Near term activities

[Resolutions adopted unanimously](#)

12:30 Lunch (provided)

13:00 Working Group Reports with discussion

Order of presentations:

[Superheavy Elements](#), [Theory](#), [Precision Measurements](#), [High Rigidity Spectrograph](#), [Astrophysics and Astrophysics Equipment](#),
[Neutron Detectors](#), [HELIOS](#), [Recoil Separator](#), [Decay Spectroscopy](#), [EOS](#), [Data Acquisition](#), [Applications](#)

15:00 Closeout discussion

15:30 End of Community Meeting

Working Group on Nuclear Data

Organizers : J. Kelley, F. Kondev, E. McCutchan

Introductory Talks

- Nuclear Structure – F. Kondev via J. Kelley
- Nuclear Astrophysics – R. Cyburt (MSU/JINA)
- Applications – Aaron Couture – LANL
- Discovery – M. Thoennessen (MSU)

Open Discussion

Data evaluator stationed at FRIB?