

Update from the 2026 Low Energy Community Meeting

K.A. Chipps

Oak Ridge National Laboratory

ORNL is managed by UT-Battelle LLC for the US Department of Energy

What is the Low Energy Community Meeting?

Joint ATLAS-HRIBF-NSCL-FRIB Users Meeting

August 18-20, 2011

National Superconducting Cyclotron Laboratory
Michigan State University
East Lansing, MI

Home

[Program](#)

[Meeting details](#)

[Group photo](#)

[Attendees](#)

[Organizing](#)

[Committee](#)

[Sponsors](#)

[Registration](#)

[Accommodations](#)

[MSU campus map](#)

The first annual Joint ATLAS-GRETINA-HRIBF-NSCL-FRIB Users Meeting will be held in East Lansing, Michigan, from 18-20 August, 2011. Many scientists in low-energy nuclear physics now carry out experiments at several user facilities, and major equipment such as GREINA will rotate between the respective laboratories. Hence the time is right to bring the U.S. low-energy user community together to discuss science, plans, and needs within a single user meeting. This new format has been enthusiastically endorsed by the executive committees of the user groups of each facility and the GREINA Advisory Committee.

The meeting will consist of plenary presentations and breakout sessions. The plenary sessions will be held in room 1410 of the Biomedical and Physical Sciences building (see [MSU Campus Map](#)), near the Chemistry Building and NSCL. Parking will be available nearby in the Shaw Lane Parking ramp.

Blocks of rooms have been reserved at East Lansing Marriott, Gatehouse Suites, Kellogg Center, and University Quality Inn for the nights of August 17, 18, 19, and 20. Rate information is provided below.

Hotel	Rate	Reservation deadline	Phone number
East Lansing Marriott	\$82/night + tax	July 18	517-337-4440
Gatehouse Suites	\$65/night + tax	August 1	517-332-7711
Kellogg Center	\$86/night + tax	July 18	800-875-5090
University Quality Inn	\$80/night + tax	None	517-351-1440

You can make the reservation yourself by calling the phone number above and giving the reference of "Joint Meeting" to the hotel staff. Alternatively, you can contact Raman Anantaraman (raman@nscl.msu.edu) for assistance.

In addition to celebrating and showcasing the excellent science performed at the facilities, we plan to encourage discussion on the shorter and longer-term vision of the field. The general program will be to have overview talks about the facility capabilities and status on Thursday morning followed by overview talks on major issues in the field. Thursday afternoon and Friday morning will be reserved for presentations of recent scientific results. Friday afternoon and evening will be allotted to breakout sessions to discuss equipment and scientific initiatives that cut across the laboratories. The working group topics and a signup will be available in July. Further details on the meeting and the program will soon be available on the meeting website.

You can register for the meeting at [Registration](#). There is no fee for registration. Dinner will be provided on Thursday and Friday. Lunch will be provided on Friday.

If you have ideas about what should be included at the meeting or any general suggestions or comments, please contact us or any of the members of your respective user executive committee.

We look forward to seeing you at Michigan State University in August.

Sincerely,
The Joint Users Meeting Organizing Committee
Jolie Cizewski, Daryl Hartley, Robert Janssens, Wittek Nazarewicz, David Radford, Bradley Sherrill, Michael Smith, Jeff Winger

15+ years of a community-wide annual meeting!

Provides a mechanism to discuss community needs and goals between Town Halls/LRPs

LECM structure

Plenary Sessions

- funding agency updates
- facility status reports
- special topics

Working Group Sessions

Pre- and Post-LECM Workshops

LECM Organizing Committee comprised of representatives from the user facilities, user groups, national labs, university consortium (ARUNA), theory alliance, and previous year's local organizer

Working Group Sessions

All Working Group Sessions take place on Thursday, August 13, 2026. All of them will take place in the TCS Conference Center (Building 240).

Session 1: 8:30 - 10:00 CDT

Working Group	Convener(s)	Program	Room
Nuclear Astrophysics	Melina Avila (ANL), Catherine Deibel (LSU), Hendrik Schatz (MSU/FRIB), Michael Smith (ORNL)	Program	1416
Precision Measurements	Maxime Brodeur (Notre Dame), Kei Minamisono (MSU/FRIB), Ryan Ringle (MSU/FRIB), Jaideep Singh (MSU/FRIB)	Program	1404-1405
HRS: High Rigidity Spectrometer	Remco Zegers (MSU/FRIB)	Program	1406-1407

Session 2: 10:20 - 11:50 CDT

Working Group	Convener(s)	Program	Room
Nuclear Data	Jun Chen (MSU), John Kelley (TUNL), Lijie Sun (MSU), Kiana Setoodehnia (Duke University)	Program	1416
Solenoid Detectors	Ben Kay (ANL)	Program	1404-1405
U.S. Heavy Element Working Group	Jennifer Pore (LBNL)	Program	1501
FRIB Theory Alliance	Scott Bogner (MSU/FRIB), Sebastian Koenig (NC State)	Program	1406-1407

Session 3: 12:50 - 14:20 CDT

Working Group	Convener(s)	Program	Room
Radioactive Decay Station	Sean Liddick (MSU/FRIB), Darek Seweryniak (ANL), Nick Scielzo (LLNL), Robert Grzywacz (UTK)	Program	1416
Neutron and Gamma Beams	Aaron Couture (LANL) and Keegan Kelly (LANL)	Program	1404-1405
FRIB Theory Alliance	Scott Bogner (MSU/FRIB), Sebastian Koenig (NC State)	Program	1406-1407

Session 4: 14:40 PM - 16:10 CDT

Working Group	Convener(s)	Program	Room
High Resolution In-beam Gamma Spectroscopy	Mitch Allmond (ORNL), Peter Bender (UMass Lowell), Heather Crawford (LBNL), Stephen Gillespie (MSU/FRIB), Marco Siciliano (ANL), Mark Spieker (FSU)	Program	1501
Isotopes and Applications	Nicholas Scielzo (LLNL) Andrew Ratkiewicz (LLNL)	Program	1416
Particle Tracking and Timing	Andrew Rogers (UMass Lowell), Alfredo Estrade (CMU), Jorge Pereira (MSU/FRIB)	Program	1404-1405

2026 LECM took place Aug 12-14 at Argonne

<https://indico.frib.msu.edu/event/91/>

Here are a selection of the community's resolutions

LECM 2026 PREAMBLE

Nuclear physics addresses fundamental science questions of our time, produces a workforce that addresses critical national needs, provides synergies with other fields of science and technology, and enables high-impact applications that benefit society. (LRP23)

LECM RESOLUTION

The highest priority for low-energy nuclear physics and nuclear astrophysics research is to maintain U.S. world leadership in nuclear science by capitalizing on recent investments. To this end, we strongly support:

- Robust theoretical and experimental research programs and the development and retention of a highly skilled workforce;
- The optimal operation of the FRIB and ATLAS national user facilities;
- Investments in the ARUNA facilities, and key national laboratory facilities;
- The FRIB Theory Alliance and all its initiatives;
- Accelerating discovery through advanced computing, quantum information science, and AI/ML.

All are critical to fully realize the scientific potential of the field and foster future breakthroughs.

LECM RESOLUTION: FRIB

The science case for an energy upgrade of FRIB to 400 MeV/u is compelling. FRIB400 greatly expands the opportunities in the field. We strongly endorse starting the upgrade to harness its significant discovery potential. We support instrument developments, including the FRIB Decay Station, now that the High Rigidity Spectrometer is underway. These community devices are important to realize the full scope of scientific opportunities.

LECM RESOLUTION: COMPUTING & AI

Computing is essential to advance all fields of nuclear science. We strongly support enhancing opportunities in computational nuclear science to accelerate discoveries, and maintain U.S. leadership by:

- Strengthening programs and partnerships to ensure the efficient utilization of new high-performance computing (HPC) hardware and new capabilities and approaches offered by artificial intelligence/machine learning (AI/ML) and quantum computing (QC), including the Genesis Mission.
 - Establishing programs that support the education, training of, and professional pathways for a multidisciplinary workforce with cross-disciplinary collaborations in HPC, AI/ML, and QC.
 - Expanding access to dedicated hardware and resources for HPC and new emerging computational technologies, as well as capacity computing essential for many research efforts.
-

LECM RESOLUTION: RESEARCH CENTERS

Research centers are important for low-energy nuclear science. They facilitate strong national and international communications and collaborations across disciplines and across theory and experiment. Interdisciplinary centers are particularly essential for nuclear astrophysics to seize new scientific opportunities in this area. We strongly endorse nuclear astrophysics centers such as Center for Nuclear Astrophysics across Messengers (CeNAM) and Cyclotron Institute Research Cluster on Nuclear Astrophysics (CIRCoNA) that fulfill this vital role and propel innovation in the multi-messenger era.

LECM RESOLUTION: NUCLEAR DATA

Access to reliable nuclear structure and reaction data is crucial for the fundamental nuclear physics research enterprise, as well as for the successes of applied missions in the areas of defense and security, nuclear energy, space exploration, isotope production, and medical applications. It is imperative to maintain an effective US role in the stewardship of nuclear data.

- We endorse support for the compilation, evaluation, dissemination, and preservation of nuclear data and efforts to build a highly skilled workforce that maintains reliable, complete and up-to-date nuclear databases through national and international partnerships.
 - We recommend prioritizing opportunities that enhance the prompt availability and quality of nuclear data and its utility for propelling scientific progress.
 - We endorse identifying interagency-supported opportunities for nuclear data with crosscutting benefits for other programs that enrich the utility of nuclear data in both science and society.
-

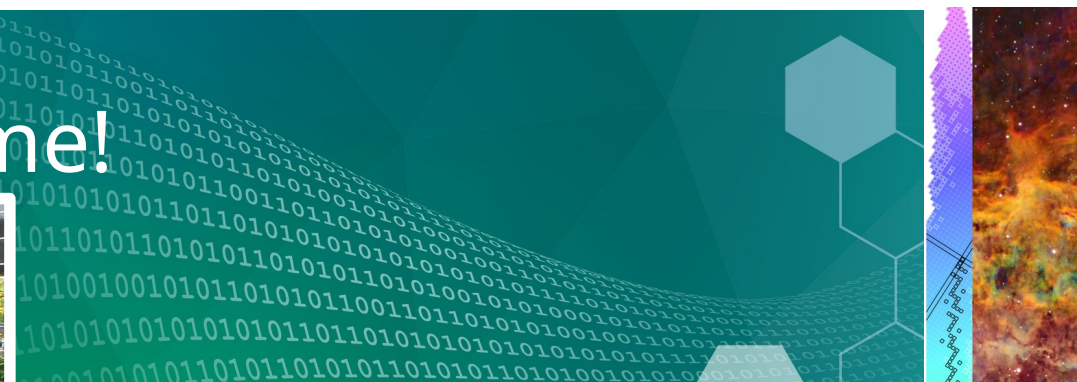
LECM RESOLUTION: ARUNA

The Association for Research at University Nuclear Accelerators (ARUNA) facilities and institutions are an essential, complementary component of the U.S. nuclear science enterprise. They provide distinctive research capabilities, hands-on workforce education, and leadership and critical contributions to research at national user facilities. We strongly advocate sustained investment in their people and operations as part of a balanced national portfolio that maximizes the scientific return on the nation's investments in low-energy nuclear science.

LECM RESOLUTION: ISOTOPES & APPLICATIONS

- Applied Nuclear Science offers many tangible benefits to the United States and to the world.
 - Availability of rare isotopes is essential for research and innovation.
 - The Low Energy Nuclear Physics Community recognizes the societal importance of applied research and isotopes and strongly encourages support for this exciting and growing field with funding and beamtime allocations that enable the critical discovery science which will improve our lives and make us all safer.
-

For contact info, please email me!



For contact info, please email me!

