FRIB Scientific Users

Michigan State University (MSU) operates the Facility for Rare Isotope Beams (FRIB) as a user facility for the U.S. Department of Energy Office of Science (DOE-SC), with financial support from and furthering the mission of the DOE-SC Office of Nuclear Physics. FRIB is open to researchers, or scientific users, based on the merit of their proposals for scientific research.

Approximately 1,880 scientific users are engaged in FRIB science and instrumentation. They organized themselves in an independent FRIB Users Organization (fribusers.org), with 22 working groups specializing in instruments and scientific topics. Members are from 127 U.S. colleges and universities, 15 U.S. national laboratories, and 50 countries, composed of scientists, postdoctoral research associates, and graduate students. There are 1,103 U.S. users in the organization.

The user community meets annually at the Low Energy Community Meeting (LECM) and rotates locations each time (photo shows attendees of the 2026 meeting). LECM provides an opportunity for nuclear scientists to interact and discuss future plans, initiatives, and facilities.

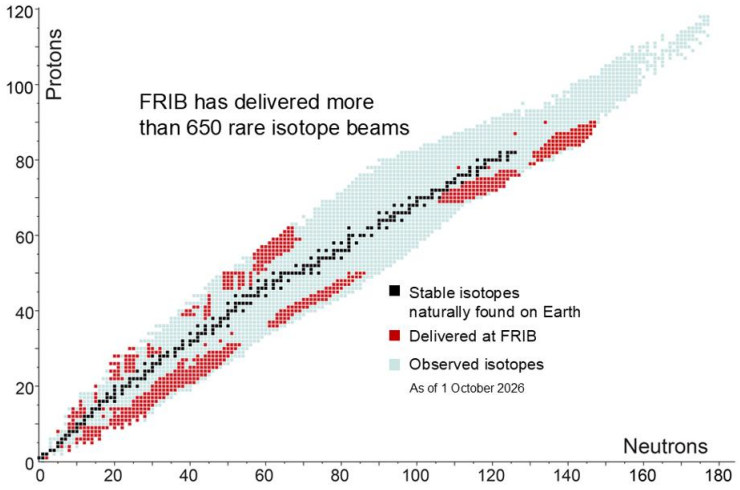


FRIB Experiments Underway

Since the start of user operation in May 2022, FRIB has delivered more than 650 rare isotope beams to experiments and supported 1,108 participants, including 340 students, from 188 institutions and 25 countries.

Published results are available online at frib.msu.edu/publications.

FRIB is providing a broad scientific program and continuing technical developments to further enhance user discovery opportunities.



High Demand for High-Merit Science at FRIB

Since 2022, FRIB has received 379 proposals for beam time use. The beam list is online at frib.msu.edu/beams.

FRIB's scientific program is forged with input from the FRIB Program Advisory Committee (PAC), a group of international world-leading scientists who review non-proprietary beam-time requests submitted to FRIB for merit and make recommendations to the FRIB Laboratory director. FRIB is open to all interested researchers, subject to applicable laws and regulations. PAC-recommended experiments align with national priorities and span the four FRIB science areas: properties of rare isotopes; nuclear astrophysics; fundamental symmetries; and applications for society, including in homeland security.

The interest in the science opportunities at FRIB is so large that the facility continues to be oversubscribed and can only accommodate around 30 percent of all requested beam time. In the most recent round, beam time was awarded to 500 scientists, including from 45 U.S. institutions across 24 U.S. states, counting among them seven U.S. national laboratories and 35 domestic colleges/universities.

Visit frib.msu.edu/users or contact the FRIB Manager for User Relations at useroffice@frib.msu.edu.

Learn more at frib.msu.edu

Michigan State University (MSU) operates the Facility for Rare Isotope Beams (FRIB) as a user facility for the U.S. Department of Energy Office of Science (DOE-SC), with financial support from and furthering the mission of the DOE-SC Office of Nuclear Physics.