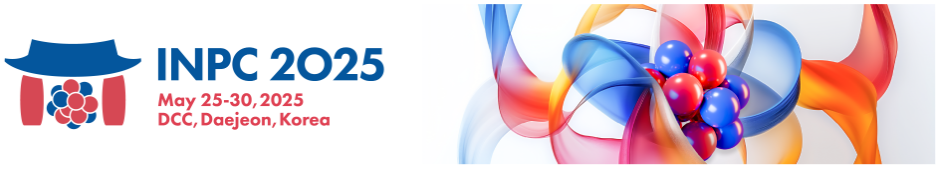

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Operation of the Facility for Rare Isotope Beams as a New User Facility

Monday, 26 May 2025 11:00 (30 minutes)

The Facility for Rare Isotope Beams (FRIB) at Michigan State University [1] took 14 years to design and establish and has operated as a new user facility since May 2022. More than 400 rare isotope beams have been delivered in the past three years for experiments, supporting an international user community of 1,800 scientists. FRIB is based on a superconducting heavy-ion linear accelerator capable of accelerating heavy-ion beams to energies of more than 200 MeV/nucleon with beam power up to 400 kW. Experiences, challenges, and opportunities from the first three years operating FRIB as a new user facility will be discussed.

The operation of FRIB as a user facility for the U.S. Department of Energy, Office of Science, Office of Nuclear Physics is supported under Award Number DE-SC0023633.

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