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## Facility for Rare Isotope Beams under Construction

*Monday 15 December 2014 10:00 (25 minutes)*

FRIB, the US's "Facility for Rare Isotope Beams" at Michigan State University (MSU), will be based on a 400 kW, 200 MeV/u heavy ion linear accelerator. Once realized, FRIB will be a world-leading rare isotope beam facility, providing a wide variety of high-quality beams of unstable isotopes at unprecedented intensities, opening exciting research perspectives with fast, stopped, and reaccelerated beams. NSCL, the present premier rare isotope beam user facility in the US, enables pre-FRIB science and will eventually be integrated into FRIB. This talk will review present the FRIB facility and its science opportunities, and summarize the status of the project for which construction has started.

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