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The Facility for Rare Isotope Beams Project[1]

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The Facility for Rare Isotope Beams (FRIB) will be a U.S. Department of Energy Office of Science (DOE-SC) national user facility supporting the mission of the DOE-SC Office of Nuclear Physics. Centered on a 400kW superconducting linear accelerator providing heavy-ion beams with energies of 200MeV/nucleon for all ions, FRIB will enable scientists to make discoveries with fast, stopped, and reaccelerated rare isotopes. The FRIB project was baselined at a total project cost of $730M with scheduled completion in June 2022. The project is being managed to early completion in 2020 and civil construction has begun on the campus of Michigan State University. This talk will give an overview of the FRIB project, its current status and prospects for discovery.

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