

THE MUON ACCELERATOR RESEARCH AND DEVELOPMENT PROGRAM

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A muon accelerator facility that leads to a multi-TeV Muon Collider presents the unique opportunity to explore new physics within a number of distinct programs that can be brought online as the facility evolves. An introduction to the Muon Collider facility and its capabilities will be given. The Muon Accelerator Program, hosted by Fermilab, has recently been approved by the U.S. Department of Energy to carry out the Research and Development necessary to demonstrate the feasibility of the Muon Collider, including the technology development and system tests needed to inform the study, and to contribute to the International Design Study for a Neutrino Factory.

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