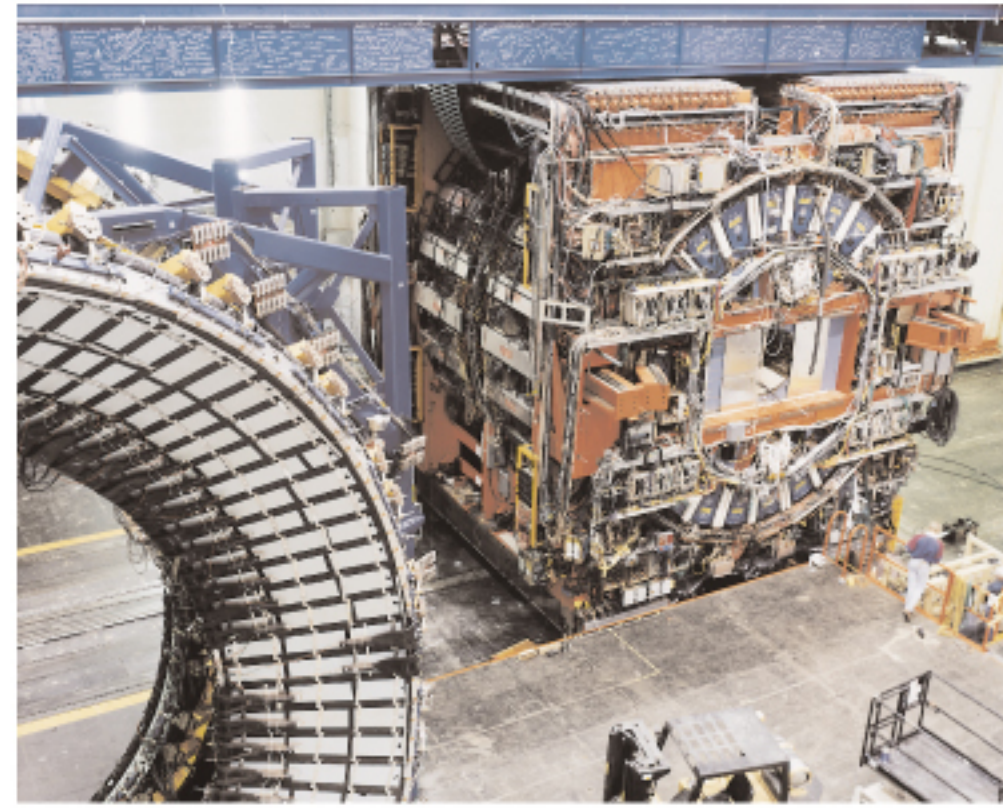




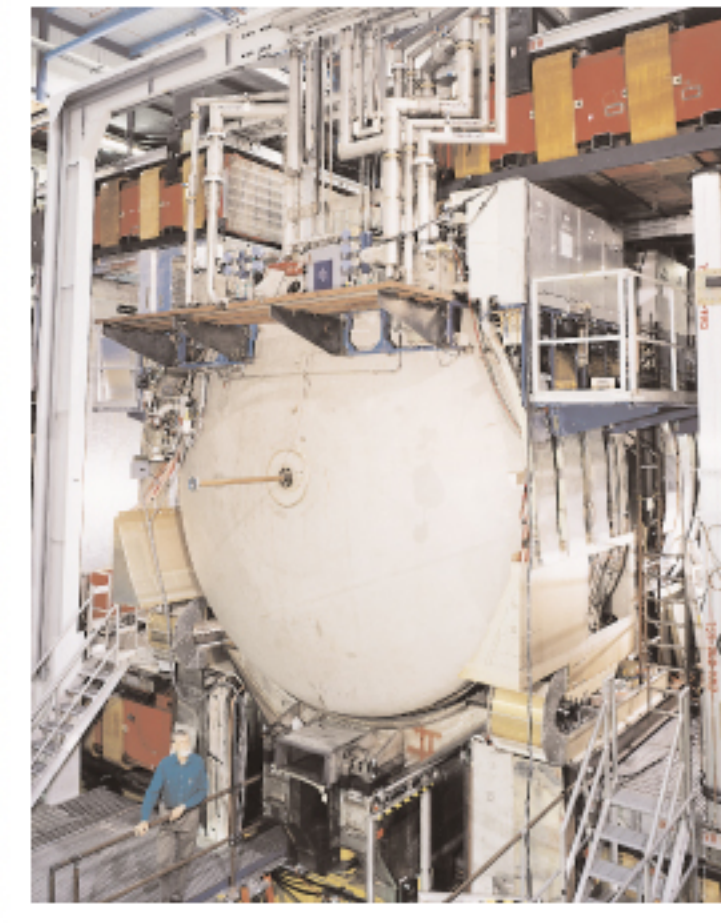
Physics at the Energy Frontier

In the year 2000, Fermilab's Main Injector will usher in a new era of collider physics at the energy frontier.

NuMI, "Neutrinos at the Main Injector," will use a high-intensity proton beam from the Main Injector to send a beam of neutrinos to a detector in northern Minnesota, 730 kilometers away, where the MINOS experiment will explore the question of neutrino mass.



The CDF and DZero collaborations are currently upgrading their collider detectors for the increased luminosity of Run II, the first collider run using the Main Injector and Recycler.



The Fermilab Main Injector and Recycler will support a tenfold increase in the Tevatron Collider's luminosity and provide a platform for future performance improvements. The Main Injector, a conventional-magnet-based 150 GeV accelerator, will also support a 120 GeV fixed-target program.

The Recycler is a permanent-magnet-based 8 GeV antiproton storage ring. The Main Injector began operating in 1999.

Main Injector/
Recycler

Tevatron

CDF

DZero

