



THOMAS JEFFERSON NATIONAL ACCELERATOR FACILITY

Thomas Jefferson National Accelerator Facility uses advanced superconducting technology to accelerate a high energy, high current continuous beam. An electron beam begins orbiting in an underground racetrack containing a superconducting linear accelerator that drives electrons to higher energies. Magnets steer the beam from one section of the tunnel to another. After a few orbits, the electron beam is split for use in three simultaneous experiments.