

STANFORD LINEAR ACCELERATOR CENTER



The Stanford Linear Accelerator Center (SLAC) is one of the world's leading fundamental science research laboratories. SLAC designs, constructs and operates state-of-the-art particle accelerators and related experimental facilities used by physics studies probing the fundamental forces and structure of matter. The Stanford Synchrotron Radiation Laboratory (SSRL), a premier national user facility at SLAC, enables research requiring ultra high-intensity x-ray beams for molecular and atomic scale studies in physics, biology, chemistry, medicine, and environmental science. The BABAR collaboration investigating matter/anti-matter asymmetry is a current focus of high-energy physics, as is a vigorous R&D program focused on development of the Next Linear Collider, as part of a world-wide effort for this future facility. SLAC, operated by Stanford University for the Department of Energy, Office of Science, is 40 miles south of San Francisco, California.