

LCFI Report, July 2007 to February 2008

- Introduction
- Progress with mechanical studies
- Sensor development and testing
- Beam tests of the ISIS1
- Vertex Package development and physics studies



Introduction

- ILC Vertex Detector Review took place in Fermilab, 22nd...27th October.
- Work of ten groups including LCFI scrutinised by international committee.
- From draft report on LCFI:
 - “In all these areas [physics studies, sensor developments, sensor-related electronics, mechanical R&D] the standard of their work is excellent...”
 - “Assuming...financial support at current levels, this collaboration is well placed to complete their R&D programme by the target date of 2012.”
- Following budget cuts in US and UK, schedule for ILC machine and detector development modified.
- Production of Letters of Intent and Technical Design Phase 1 to be completed by 2010 (matches GDE plans for the accelerator).
- Technical Design Phase 2, including detailed costing, will react to first LHC results and be completed by 2012.