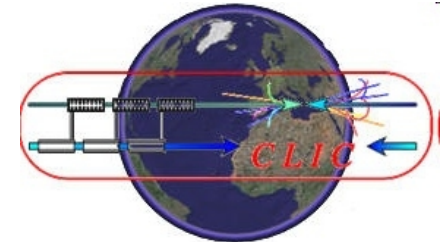


2nd Linear Collider Testbeam Workshop



Summary of Facilities Workshop Document Farewell



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LAL Orsay

LCTW 2009 LAL Orsay/France November 2009

Facilities Summary I

ILC testbeams have been conducted in the last years at

CERN, DESY, FNAL, KEK

Thanks to all the facility manager for the extraordinary support we have received

Facilities Summary

Hadron Beams (These have also e- beams):

FNAL: New beam line Mcenter

ILC Beamline possible?

ILC beam structure seems feasible

Shutdown in 2012

CERN: A lot of beam lines (PS, SPS)

ILC spill structure maybe feasible at PS

Availability of North Area for >2010 depends on LHC performance

ILC Beamline should be orally discussed begin of 2010 and formally requested latest by middle of 2010

IHEP Protvino: Hadron/electron/muon beams 1-45 GeV

Available 2 times a year

DUBNA: Neutron beam with good rates

Electron beams

DESY: 1-6 GeV e-
4 beamlines
High availability
Optimal for prove of principle test

Asian Facilities: Japan/China
Low energy e- facilities with varying availability

SLAC: **New** nice facility in “Hall of the Quarks” End Station A
e-/h beam up to 13.6 GeV
Good momentum resolution
e- beam available end of 2010
hadron beam end of 2011 (needs target to be installed)
ILC time structure maybe possible

From my charge talk on the first day ...

- Identify which topic can be best addressed where

Compare detector programs and capabilities of sites

Is there risk a rush to one site while others are idle?

A plan listing activities and time scales could avoid this and help to tailor requests

I see a large clustering of testbeam activities with large devices
towards 2nd half of 2011 and 2012

Workshop Document

- Should contain a summary of the sessions and ws conclusions concerning sessions

Structure (First Rough guess of Page numbers):

- Opening Session (R.P.): 2 Pages
- Calorimeter plans (V.B., J.H.): 6 Pages
- Gaseous tracking (T.M.): 4 Pages
- Si Tracking (M.V., T.N., J.L.):
6-8 Pages (Comprises Central, Forwards and Vertex Tracking)
- DAQ (M.W.): 4 Pages
- Software(F.G., N.G.): 4 Pages
- Facilities(F.S., V.V., K.K., J.Y.): 8 Pages
- Resources and Infrastructure(M.D., G.F., R.P.): 4 Pages

Leads to Document of 40 pages (+/-)

Dedicated pages on request ILC beam structure

Should use the document published after 2007 workshop as input

Needs tables on projects and timescales

To be published until LCWS09 to allow for applications and more detailed planning by the 2nd half of 2010

Planning to be reviewed at Linear Collider Workshops

This workshop would not have been possible without

You

but in particular

P. Chemali (Workshop Secretary)
V. Brouillard (Workshop Secretary)
G. Dreneau (Webcast, technical questions)