

The logo for the LHC-TPC project, featuring the letters 'LC-TPC' in a stylized blue font with a white outline. The letters are set against a circular background that resembles a particle detector or a network of connections. The 'L' and 'C' are larger and more prominent than the 'TPC'.

LC-TPC Test beams for 2011-2013

Introduction and plan for discussion

EUDET contract to end Dec. 2010

'Mombusho' to end....

Canada funding secure till April 2012 but insufficient
US funding promising but not yet established

LHC/LC situation to clear up in the next few years

(LHC startup -> first results -> review LC project -> start design and construction)

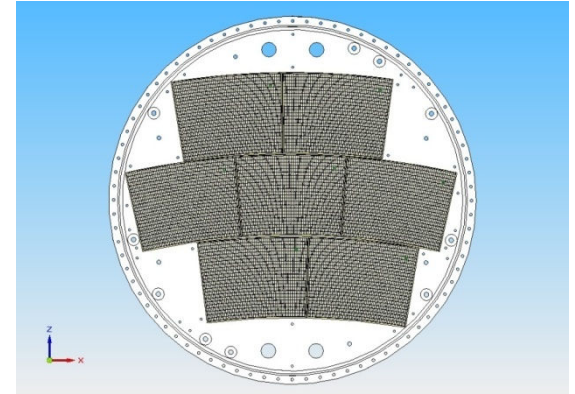
New european R&D effort in preparation in FP7

RD51 collaboration 'up and running'

WHAT SHOULD WE DO TO BE READY AT DUE DATE?



R&D Questions



What improvement(s) need the present facility?

Going to CERN or elsewhere : Do we want it? When?

Do we need a larger, higher field magnet? (Are we ready to spend a million or so for this?)

What would we learn from an integrated 'slice' vertex+TPC+Cal ?

Will we need a beam with the ILC time structure?

Where can we carry out power-switching tests?

Ion backflow and gating studies?

Cooling studies?

Mechanical studies? Vibrations?

Distortion studies?

Laser alignment ?

Do we need a new endplate? A new cage?

Our relations with RD51

The technology choice(s) : When and How?





TB in 2011-2013

Possible scenarios as outlined in MOA Addendum : Ron Settles

Funding :

Detector R&D in FP7 : Ties Behnke

KEK GD, R&D and funding plans in Asia : T. Matsuda (or Keisuke, or Akira, and/or Yuanning)

R&D and funding plans in Americas : D. Karlen (or Dan Peterson)

Discussion (all)