

# DevDet II preparation

21.8.2009

- Structure of the work-packages: (discussion of preparation WG this week)
  - ILC project office probably no separate WP any more
  - Discussion about the form of the WP10 (the EUDET follow up)
    - Break down along technologies
    - Include some non-ILC contributions to make it more generic

# LC related WP

- Software: geometry and friends: Frank Gaede?
- SI sensors: needs to be discussed much much
- EUVIF like facility

# EUVIF like facility

Overall combined test beam: not obvious, in particular role of gas-tracking not clear.

Comment: I think we need to make sure that we have a good physics case for the facility, whatever it looks like

Two major parts:

**Gaseous tracking facility:** follow up of EUDET JRA2, maybe even first at DESY, then possibly at CERN

**Combined large area calorimeter / SI tracking** test setup:

- telescope
- large area SI tracking to cover calorimeter
- large volume (how large?) calorimeter test setup → based on EUDET prototypes?

# EUVIF like facility

Common DAQ task: applies to both parts!

Common Software task: integrated into WP1, or separate?

Management task: important, need to have the resources to ensure coherence,

In particular if we start by having parts in different labs around the world

# Combination with other fields

Point has been made: need to integrate other communities better:

Gaseous tracking: possibly through RD51?

Si-Calorimeter: not clear to me, where obvious synergies might be

Potential candidates:

- support structures for SI?
- SIPM technology for Calo upgrades of LHC detectors?