

## **ECAL meeting 8/9 Feb 2011, LLR**

<http://ilcagenda.linearcollider.org/conferenceDisplay.py?confId=4955>

(please register!)

8<sup>th</sup> = ECAL

9<sup>th</sup> = general electronics, DAQ

*First idea of agenda:*

### **Technological prototype**

Mechanical structure - Mickael Frodin

Cooling - Julien Giraud

Sensors - Remi Cornat

FeVx - Stephane Callier

Adapter board - Jean-Francois Roig

ASU assembly, Interconnects - Patrick Cornebise and/or Julien Bonis

Beamtest planning - Daniel Jeans

### **Physics prototype**

Re-commissioning of physics prototype – Roman and/or Daniel

Pion analysis – Philippe Doublet

## ECAL technological proto: beam tests in 2011

I have requested 2 periods at DESY, in June and November.

June:

Single ASU (FEV7\_CIP)/SPIROC2 with 1 sensor <---- exists  
CALICE DAQ (version2) <---- "getting there..."  
No cooling system or alveolar structure needed (?)

need:

at least 1 month running on cosmics bench before beamtest

- debug
- develop monitoring software

simple mechanical system to hold ASU

Physics program:

calibration w/o absorber  
~ shower max with absorber  
look for square events  
Repeat above with power-pulsing

November:

Take a few 2~3 ASUs  
hopefully one ASU with SKIROC2 (is this realistic?)  
Physics program: more-or-less repeat of June tests