



LHCb Upgrade Electronics

Meetings in 2012 (Thursday, 2pm):

12th April

14th June

9th August

11th October

13th December

<http://lhcb-elec.web.cern.ch/lhcb-elec/html/upgrade.htm>



Meeting Summary

Dirk Wiedner has agreed to coordinate common optical link for LHCb (GBT, Versatile Link etc)

Start review of front-end ECS (based on GBT + GBT-SCA):
Calo & OT today



Upcoming meetings

TELL40 firmware kick-off:

March 1st 14h at CERN

Next general meeting:

**Continue front-end ECS review of sub-detectors:
VELO & RICH**

Updated link estimates

Good estimates needed for planning fibre installation in 2013 - 2014

Sub-system	No of DAQ links	Old estimate
Velo (pixels, worst case)	2500	2208
Velo (u-strips, worst case)	1600	
RICH (MaPMT)	1680	2476
TT (u-strips, worst case)	1700	1200
Tracker (Sci-Fi)	???	
OT (straws)	???	3456
Calo	1000	1000
Muon		
TORCH	???	



GBTX status

Submission scheduled for May

Possibility to get samples (small quantity)

- Who is interested?