

Calorimeter Upgrade Meeting

Introduction - news

Wednesday 11th December, 2013



Frédéric Machefert

Laboratoire de l'Accélérateur Linéaire



Agenda



Calorimeter upgrade meeting

chaired by Frederic Machefert (Laboratoire de L'Accélérateur Linéaire (LAL), Orsay)

Wednesday, 11 December 2013 from **14:00** to **18:00** (Europe/Zurich)
at **CERN (513-1-024)**

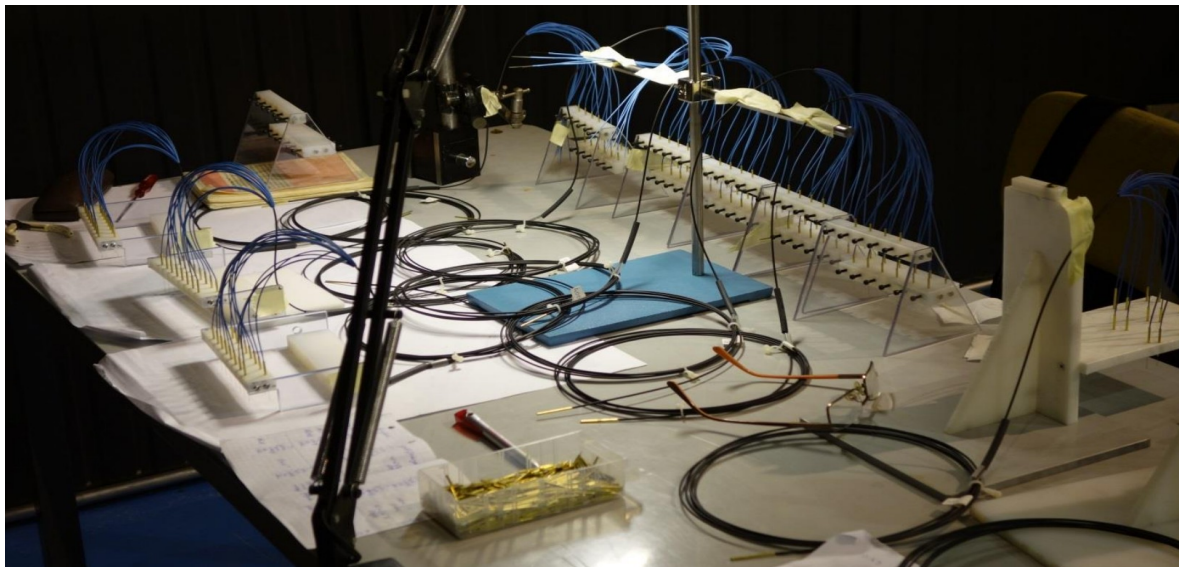
Video Services Vidyo public room : [Calorimeter_upgrade_11122013](#) [More Info](#) | [Join Now!](#)

Wednesday, 11 December 2013

- 14:00 - 14:10 **Introduction 10'**
Speaker: Frederic Machefert (Laboratoire de L'Accélérateur Linéaire (LAL), Orsay)
- 14:10 - 15:20 **Electronics**
- 14:10 **Update on ICECAL3 and delay unit 30'**
Speakers: Eduardo Picatoste Olloqui (University of Barcelona (ES)), Juan Mauricio Ferre (University of Barcelona (ES))
- 14:40 **Firmware of the FE-FPGA 20'**
Speaker: Christophe Beigbeder-Beau (Universite de Paris-Sud 11 (FR))
- 15:00 **Architecture of the Control Board 20'**
Speaker: Olivier Duarte (Universite de Paris-Sud 11 (FR))
- 15:20 - 15:40 **ECAL Modules**
- 15:20 **Inventory and test of the ECAL spare inner modules 20'**
Speaker: Iouri Guz (Institute for High Energy Physics (RU))
- 15:40 - 16:20 **Calorimeter software and reconstruction**
- 15:40 **Cluster reconstruction 20'**
Speaker: Alexis Roger Louis Vallier (Universite de Paris-Sud 11 (FR))
- 16:00 **Bs -> phi gamma analysis 20'**
Speaker: Carlos Sanchez Mayordomo (Universidad de Valencia (ES))
- 16:20 - 16:40 **A.O.B. 20'**

Calorimeter monitoring fiber replacement

- The calorimeter group plans to replace the monitoring fibres
 - Old fibres affected by ageing
 - System could not be used reliably
- New quartz fibers used
 - Should permit to follow more closely the ageing of the PMT
 - Not related directly to the upgrade
 - Must be ready for 2015 start-up
 - But, the upgraded calorimeter will benefit from this improvement



News

- Sample chips
 - Ken proposal
 - GBT-X : 5
 - VTT_x : 2
 - VTR_x : 1
 - DC-DC : 5
 - How is it compatible with the production of 2 FEB + 2 CB prototypes ?
- Electronics meeting tomorrow dedicated on
 - Morning : MiniDAQ
 - Afternoon :
 - FE data format
 - Power supplies
 - Reviews