ECFA WS & CSN5 Call on Pixels

G. Darbo – INFN / Genova

Indico agenda:

https://agenda.infn.it/conferenceDisplay.py?confId=6680

ECFA WS

Agenda on indico site: http://indico.cern.ch/conferenceDisplay.py?ovw=True&confId=252045

Tuesday, 1 October 2013

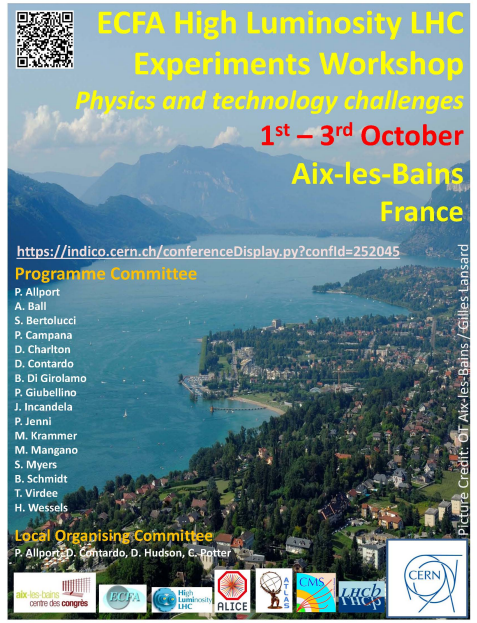
08:30 - 09:30	Registration
09:30 - 10:30	Workshop Opening
10:30 - 11:00	Coffee break
11:00 - 13:00	LHC Experiment Upgrade Programs
13:00 - 14:00	Lunch
14:00 - 16:00	Physics Goals, Theoretical developments and performance reach
16:00 - 16:30	Coffee break
16:30 - 18:30	Physics Goals, Theoretical developments and performance reach
19:00 - 20:00	Reception

Wednesday, 2 October 2013

09:00 - 10:00	Accelerator and Experiments Interface
10:00 - 11:00	Long Shutdown Constraints and Radiation and Activation Effects
11:00 - 11:30	Coffee break
11:30 - 13:00	Electronics and Readout Systems
13:00 - 14:00	Lunch
14:00 - 14:25	Electronics and Readout Systems
14:25 - 16:00	Tracking Systems and Associated Electronics and Readout
16:00 - 16:30	Coffee break
16:30 - 16:50	Tracking Systems and Associated Electronics and Readout
16:50 - 18:30	Calorimetry and Associated Electronics and Readout
20:00 - 23:00	Workshop Dinner

Thursday, 3 October 2013

09:00 - 10:45	Muon Systems and Associated Electronics and Readout
10:45 - 11:15	Coffee break
11:15 - 13:00	Trigger/DAQ/Offline/Computing
13:00 - 14:00	Lunch
14:00 - 16:00	Closing session



ATLAS Speaker at Aix les Bains

- *ATLAS Speaker have been proposed to the USC*
  - ATLAS Speakers: PG1 (Physics goals, theoretical developments and performance reach) tbc
  - ATLAS Speakers: PG2 (Tracking devices and associated electronics and readout) Ingrid Gregor
  - ATLAS Speakers: PG3 (Calorimetry and associated electronics and readout) G. Drake, F Lanni
  - ATLAS Speakers: PG4 (Muon Systems and associated electronics and readout) P. Lengo, M. Ishino
  - ATLAS Speakers: PG5 (Trigger/DAQ/Offline/Computing) D. Rousseau
  - ATLAS Speakers: PG6 (Electronics and Read-out) P. Phillips, P Farthouat
  - ATLAS Speakers: PG7 (Long Shutdown constraints and radiation and activation effects) O. Beltramello
  - ATLAS Speakers: PG8 (Accelerator and Experiment interface) (mainly machine experts)

- *Not much information from PG groups:*
  - http://indico.cern.ch/categoryDisplay.py?categId=4842
  - One PG2 meeting in the category – no slide, very difficult to say what is going on from outside.
  - About 2 hrs dedicated to PG2 in Aix les Bains (4 talks?)
  - Ingrid asked feedback and help in the talk preparation. I gave general hint focusing on IBL experience and INFN interest. Going to go back to her next days, but how to deal practically?

Gr.5 Calls

Six Calls have been submitted:

- ACTIVE – ATLAS/CMS on Pixel technologies (sensors, hybridization, µ-channel cooling) –
  - BA, CS, FI, GE, MI, MIB, PI, TN, TO, UD – CSN1
- ARDESIA – Develop of Silicon Drift Detector (SSD) module
  - LNF, MI – CSN5
- CALOCUBE – Calorimetry for cosmic rays in space
  - CT, FI, PI, PV, UD – CSN2
- CIPIX65 – Development of 65 nm CMOS for Pixel chips
  - BA, MI, PD, PG, PI, PV, TO – CSN1
- MAGIX – Magnets for HL-LHC
  - MI, SA, GE – CSN5
- ~~MASPLAS –~~
  - MI – CSN5 (?)

Riepilogo dettagliato per sezioni

Sigla	Sez	Call	A carico dell'I.N.F.N.																	
			missioni		consumo		trasporti		manutenzione		inventario		licenze-SW		apparati		spservizi		TOTALI		CONTROLLO	
ACTIVE	GE	X	15.0		211.0						16.0								**242.0**		**242.0**	
ARDESIA	MI	X	27.0		121.0	*79.0*					61.0		3.5						**212.5**	*79.0*	**212.5**	*79.0*
CALOCUBE	FI	X	52.0		191.5						43.0				40.0				**326.5**		**326.5**	
CHIPIX65	TO	X	20.0		45.0						10.0				140.0				**215.0**		**215.0**	
MAGIX	MI	X	13.0		168.0				11.0		16.0				13.0				**221.0**		**221.0**	
~~**MASPLAS**~~	~~MI~~	~~X~~	~~2.0~~												~~260.0~~				~~**262.0**~~		~~**262.0**~~	
Tot.Sigle			**129.0**		**736.5**	**79.0**			**11.0**		**146.0**		**3.5**		**453.0**				***1,479.0***	***79.0***	***1,479.0***	***79.0***