

News e stato analisi a Padova

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INFN Padova

PD meeting,
PD, 9 Ottobre 2012



NOBEL 2012



Niente per noi, ancora



The Nobel Prize in Physics 2012 was awarded jointly to **Serge Haroche** and **David J. Wineland** "for ground-breaking experimental methods that enable measuring and manipulation of individual quantum systems"



XC meeting on MC and reprocessing

- 53x will be used for Winter and Summer 2013 conferences
- Winter conferences:
 - ▶ 2012C and D will be re-processed for the 5 PDs used by Higgs in gamma gamma in order to include updated ECAL conditions.
 - ▶ Re-processing to happen during Xmas (Conditions need to be provided accordingly)
 - ▶ Small re-processing (300/pb) will be needed in order to recover laser problems both in ECAL and HCAL. This is needed in order to recover data currently BAD in data certification.
 - ▶ No major MC re-processing. May be few dedicated samples



XC meeting on MC and reprocessing (II)

• Summer conferences

- ▶ 2012 data re-processing foreseen for Summer 2013 conferences that includes updated conditions.
- ▶ Constraints is that we should provide data to Physics by beg/mid May. We should consider 2.5 months for re-processing (considering only CORE, no parking)
- ▶ Let's see AICa presentation and then discussion
- ▶ **Physics and DDT should follow with the different PAGS to understand how much of the parked data should be re-processed for Summer Conferences.**
- ▶ No major MC re-processing foreseen/possible, since we need to consider also the upgrade activities.
- ▶ As soon we have all the ingredients, an overall plan can be done.



Data re-processing AFTER Summer conferences

- We are not considering for the time being to make a full 53x re-processing for 2011 (A&B) using the latest updated constants since we don't have consistent MC.
- Later, after summer conference or in 2014, we should consider "legacy re-processing" using a 6xy version and updated/final constants. 2011 A&B data re-processing will take 2.5 months (2.1B events)



Disk Usage

Filesystem	Size	Used	Avail	Use
cmsdata	2.7T	2.4T	159G	94%
cmswork	18T	16T	1.9T	90%

- Lo spazio disco non è infinito, e le cose obsolete non si cancellano da sole!



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- Altro disco è in fase di installazione, **ma questo non vuol dire che non si debba far pulizia!**



/lustre/cmsdata main users

Sono dischi molto veloci (e costosi), da usare solo per dati ad accesso frequentissimo, dove la velocità è critica.

NON PER SVILUPPO SOFTWARE

CMSDATA 2.7T (2.4T used)

- 1.2T Hbb
 - ▶ 434G NTPLE-V00-00-01
 - ▶ 395G RAW
 - ▶ 305G rootple
- 669G MultiMuons/ntuple
- 140G simo
- 271G vanini
 - ▶ 170G vanini/**CMSSW**



/lustre/cmswork main users

CMSWORK 18T (16T used)

- 2.8T lacaprar
 - ▶ 2.6T lacaprar/Ana/PATuple
- 886G mgalanti
- 451G nespolo
- 5.0T pozzobon
 - ▶ 4.9T pozzobon/BMixData2011
- 748G tosi (many "permission denied")
- 326G vanini (many "permission denied")