CERN HNF-Europe Workshop

Welcome

Wolfgang von Rüden CERN - IT Division

wolfgang.von.rueden@cern.ch



CERN's Users in the World







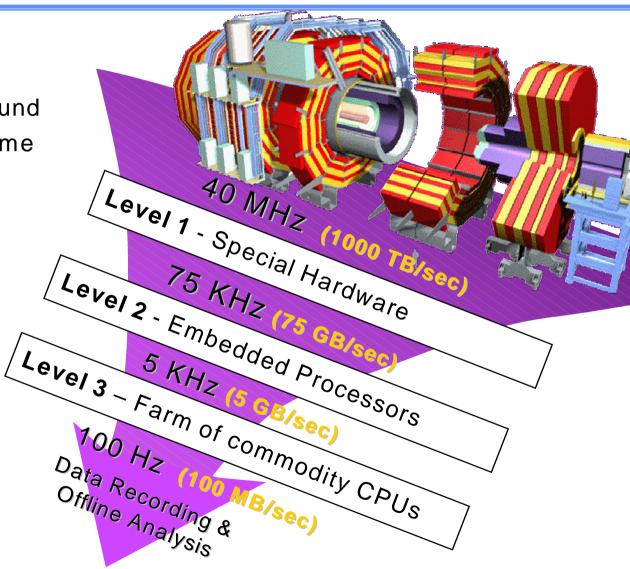


C M S Compact Muon Solenoid

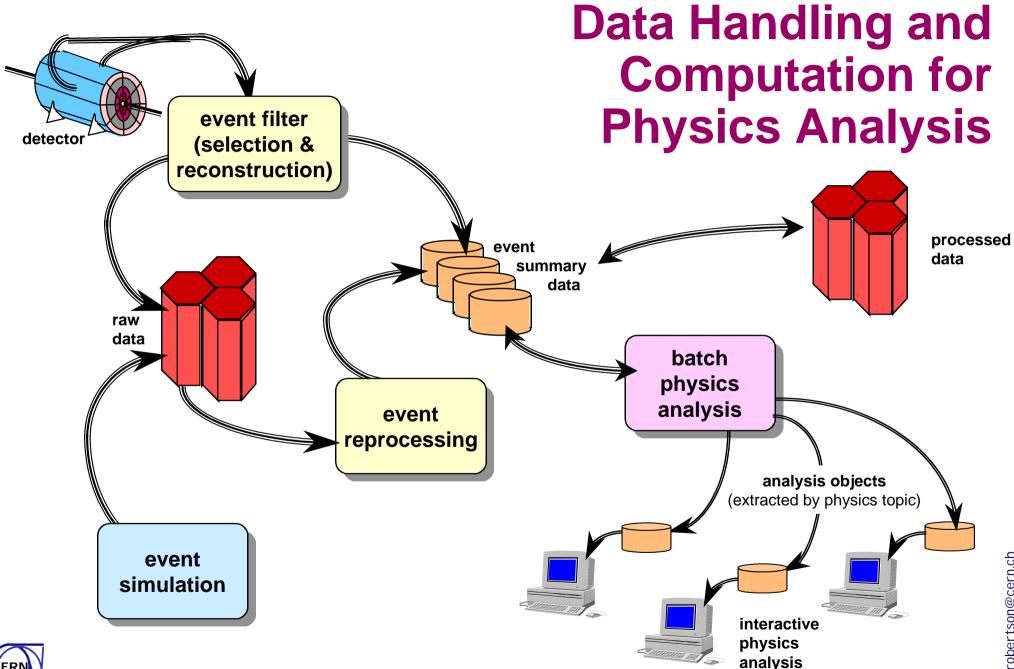


On-line System

- Multi-level trigger
- Filter out background
- Reduce data volume
- 24 x 7 operation



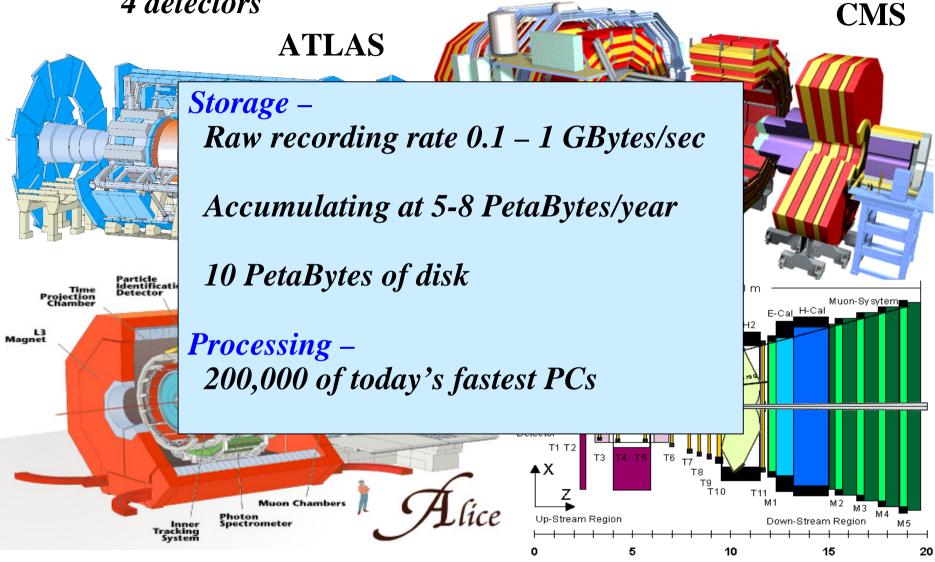






les.robertson@cern.ch

The Large Hadron Collider Project 4 detectors

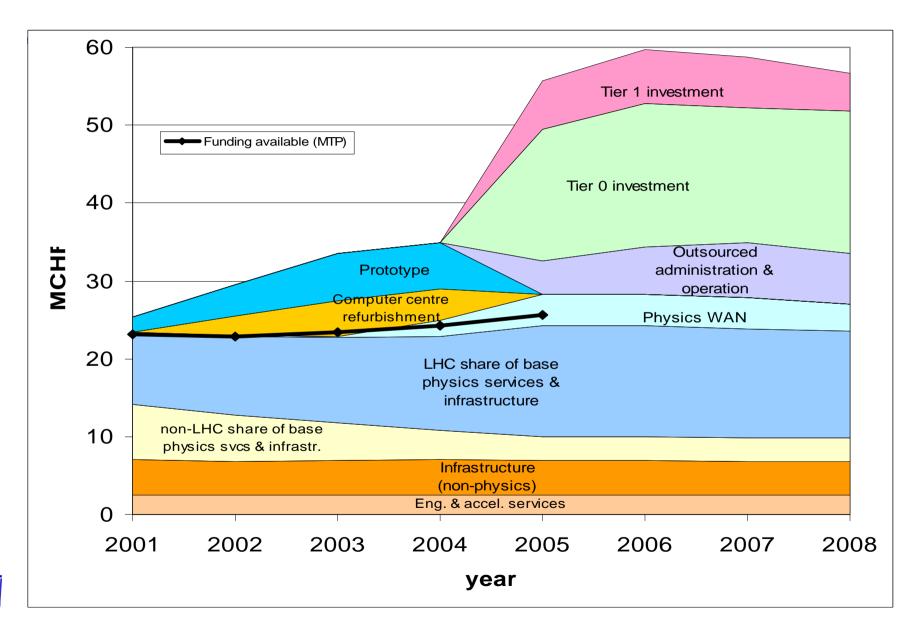




CERN Prototype Capacity				
yea	r 2001	2002	2003	2004
processor farm				
no. of 2-cpu systems installed	200	400	800	1,200
estimated total capacity (SI95)	13,000	33,000	85,000	158,600
disk storage				
no. of disks installed	200	400	800	1,600
estimated total capacity (TB)	16	44	120	320
tape drives				
total capacity (achievable MB/sec)	200	350	500	800
automated media				
total capacity (TB)	30	120	350	600

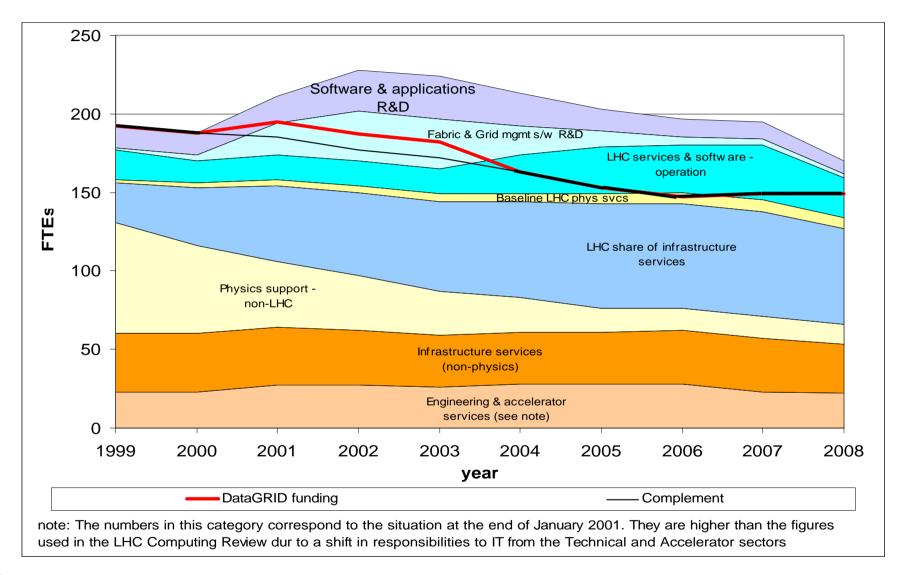


IT Division - LTP Planning - Materials





IT Division – LTP Planning – Human Resources







The DataGRID Project













Latest News:

CERN Council approves LHC Computing Grid Project
Press Release LHC Computing Grid

 CERN announces: CERN openlab for DataGrid applications openlab press release

OpenLab homepage



Thank you!

... and have a good workshop.

