

# Tier 2 site report: CSCS

## **Gianfranco Sciacca** (Bern)

# CSCS report (October)

CPU:

(inc. WLCG and NorduGrid)

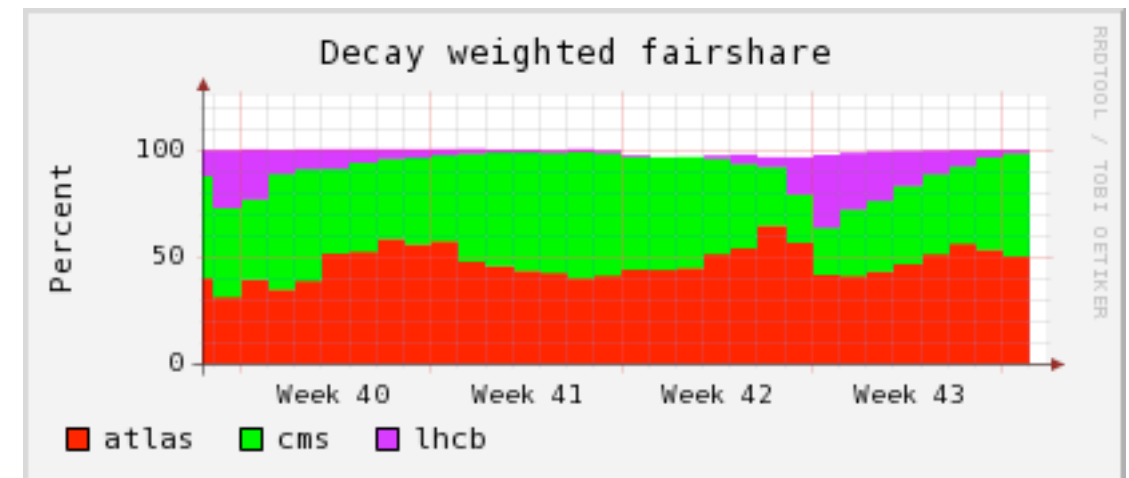
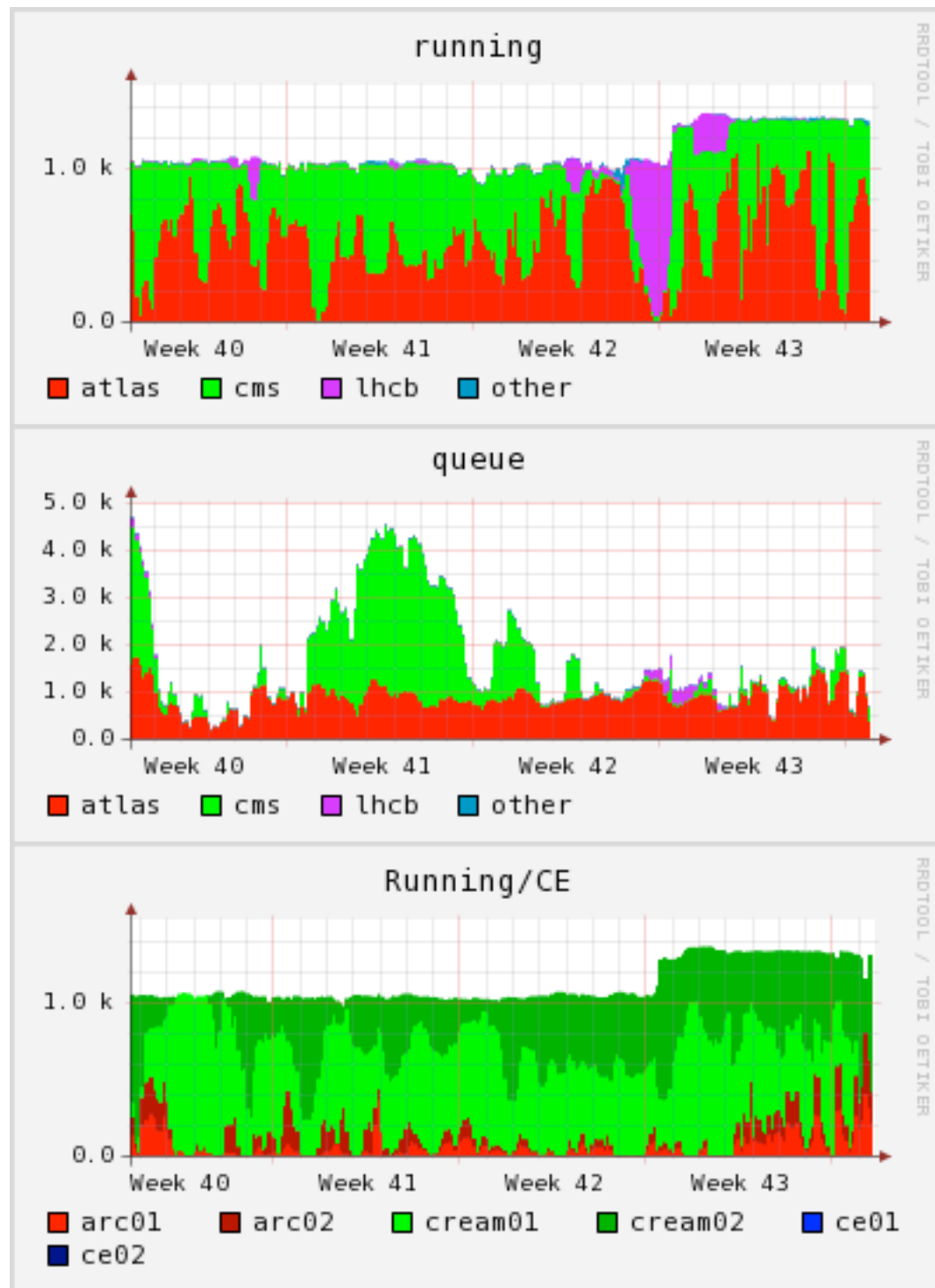
	Nr of jobs	Walltime (h)	CPU time (h)
<b>Total</b>	<b>1 358 882</b> (201042)	<b>3 864 92</b> (351213)	<b>3 658 56</b> (309717)
<b>PROD</b>	<b>403 75</b> (48429)	<b>2 108 65</b> (201730)	<b>2 065 76</b> (188460)
<b>PILOT</b>	<b>946 59</b> (151820)	<b>1 754 52</b> (149412)	<b>1 591 49</b> (121242)
<b>User</b>	<b>813</b> (529)	<b>174</b> (44)	<b>130</b> (11)

July 2011 figures in brackets

■ atlas  
■ atlas/Role=production  
■ atlas/Role=pilot  
■ atlas/Role=NULL

- Usage back on the up (yet above allocated fair-share, and all worker nodes are back online)
- Breakdown per CE: cream 88%, ARC 12% (jobs); cream 80.5% ,ARC 19.5% (WT)
- Analy/Prod rate (WT): 83.2%
- **CPU Efficiency: 94.7%** [93.8% cream; 98.6% ARC] (88.2% in Sep; 91.7% Efficiency for all VOs)

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Target fair-shares:  
atlas=40:cms=40:lhcb=20

Measured fair-shares:  
atlas=47.4:cms=43.3:lhcb=8.2

# CSCS report (October)

Disk:

[http://bourricot.cern.ch/dq2/accounting/t2\\_reports/FZKSITES/](http://bourricot.cern.ch/dq2/accounting/t2_reports/FZKSITES/)

**Report for FZKSITES (UTC 2011-11-01 12:07:47.525093)**

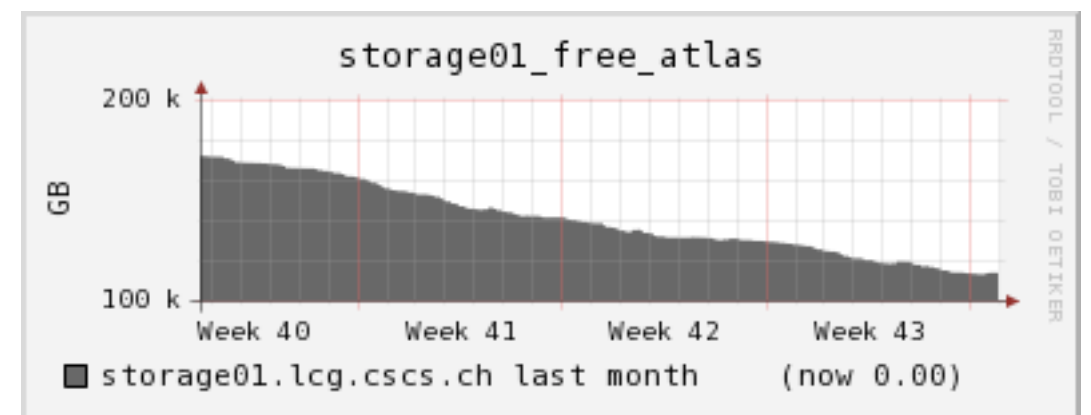
Site	Used(G)	Free(G)	Total(G)	%
CSCS-LCG2_DATADISK	362421	69578	431999	83
CSCS-LCG2_GROUPDISK	17095	32905	50000	34
CSCS-LCG2_HOTDISK	937	2063	3000	31
CSCS-LCG2_LOCALGROUPDISK	77	9923	10000	0
CSCS-LCG2_PRODDISK	1043	8957	10000	10
CSCS-LCG2_SCRATCHDISK	19943	8056	27999	71

**Totals (TB)**

(September figures)

**401.5 131.5 533** **75.3**  
(338.9) (194.0) (533)

- No news of relevance
- 60 extra TBs populated over last month
- **Online: 533TB / Pledged: 468.5TB**



# CSCS report (October)

## General news

- Stable operations, no incidents/instabilities (96.77% gangarobot availability for analysis queue last month)
- Lustre decommissioning ongoing
  - some nodes have been offline for ~6 weeks
- Now bandwidth of the GPFS scratch area is good enough to serve all WNs
  - All nodes are back online since > 1 week
- Final switchover on 7 November (scheduled downtime)