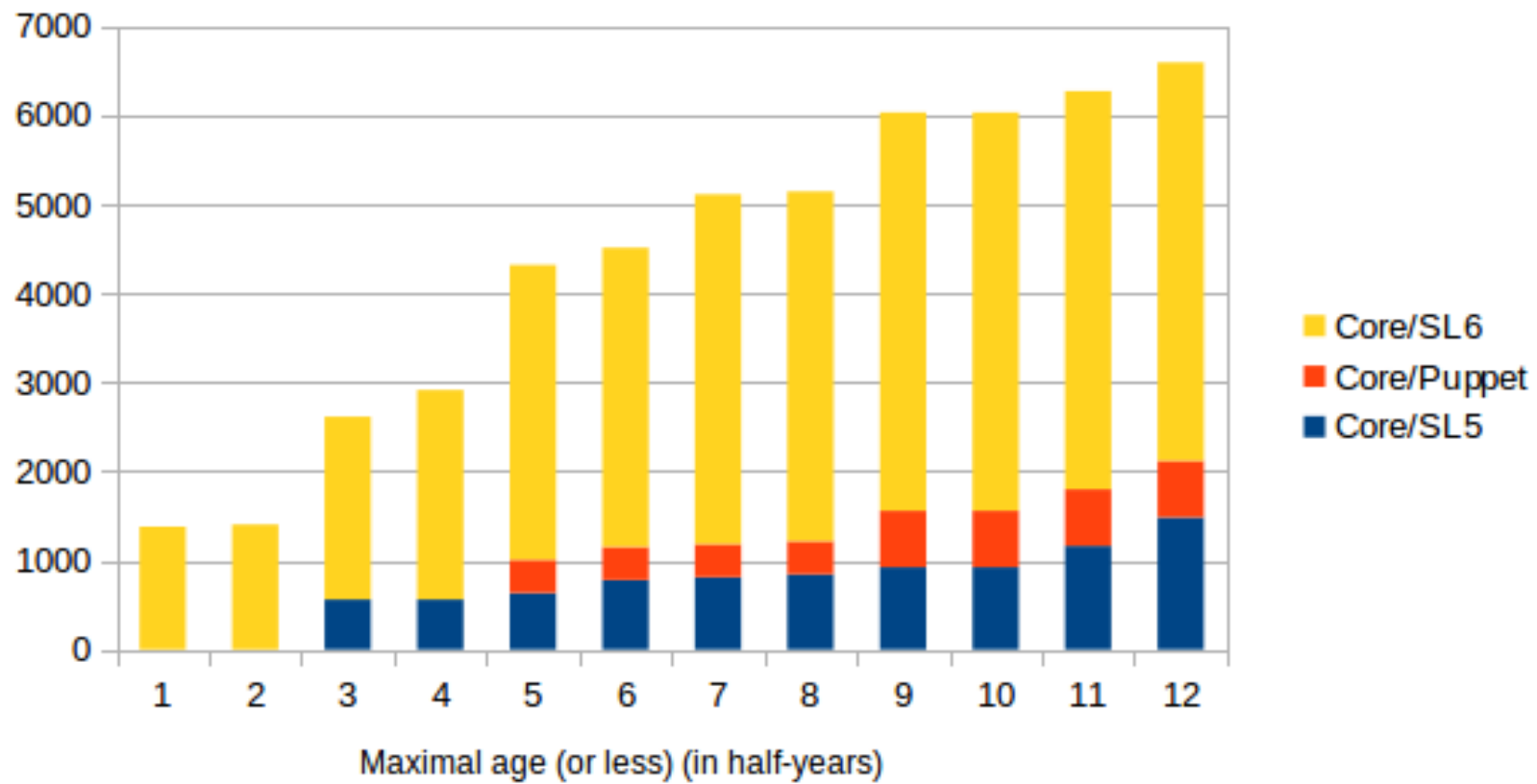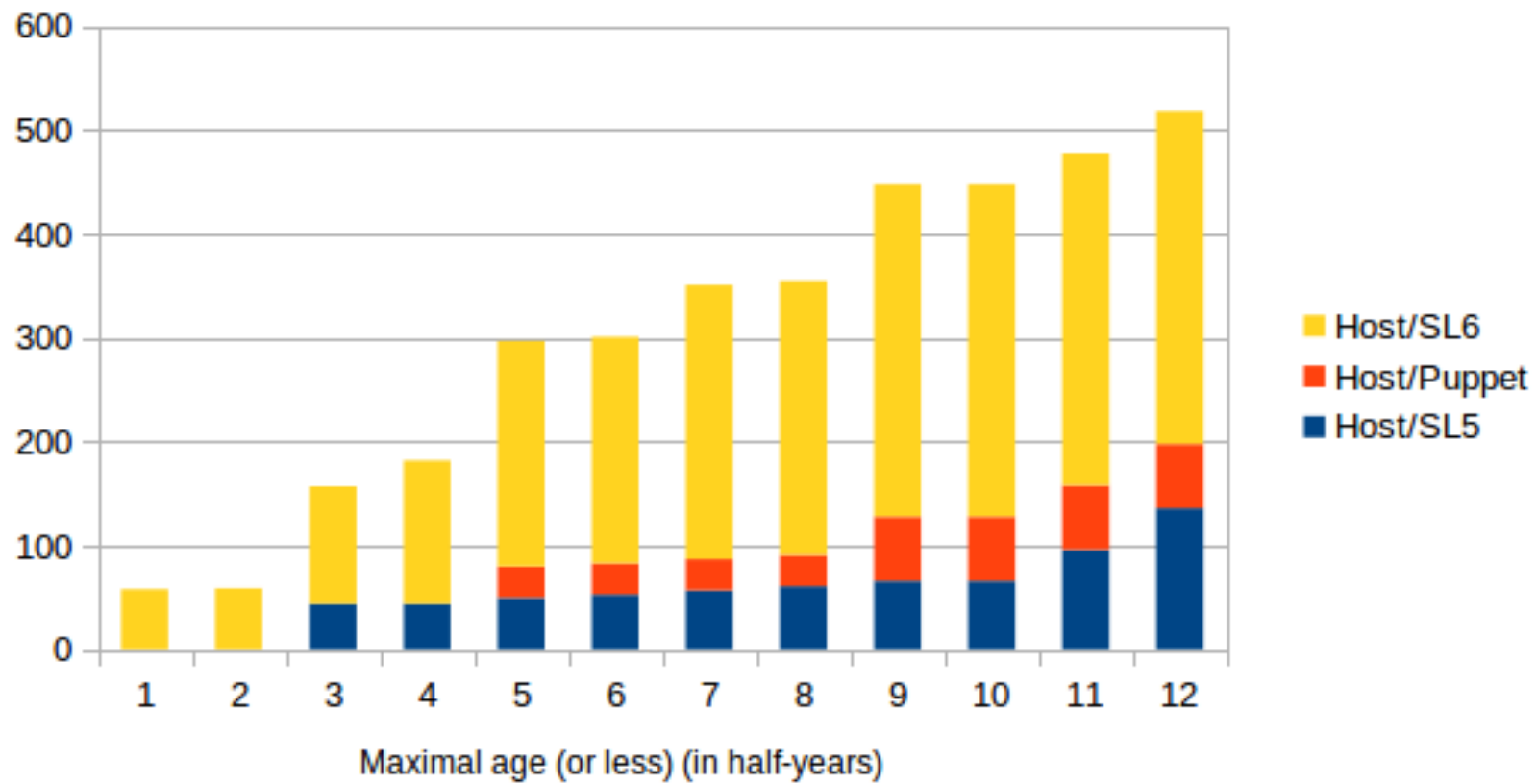# CUC status 10.09.2014

Yves Kemp – DESY IT

BIRD Hardware planning

- BIRD: Remove ~60 older nodes, 48-64 new nodes (depending on budget)
- SL5: No new installation, let current ones fade out
- SL6 with WBOOM/Salad install & config: Currently biggest part
- SL6 with Puppet configuration: Please test using "-l puppet" switch
- Plan: Reinstall all SL6/Salad machines with SL6/Puppet in the following months
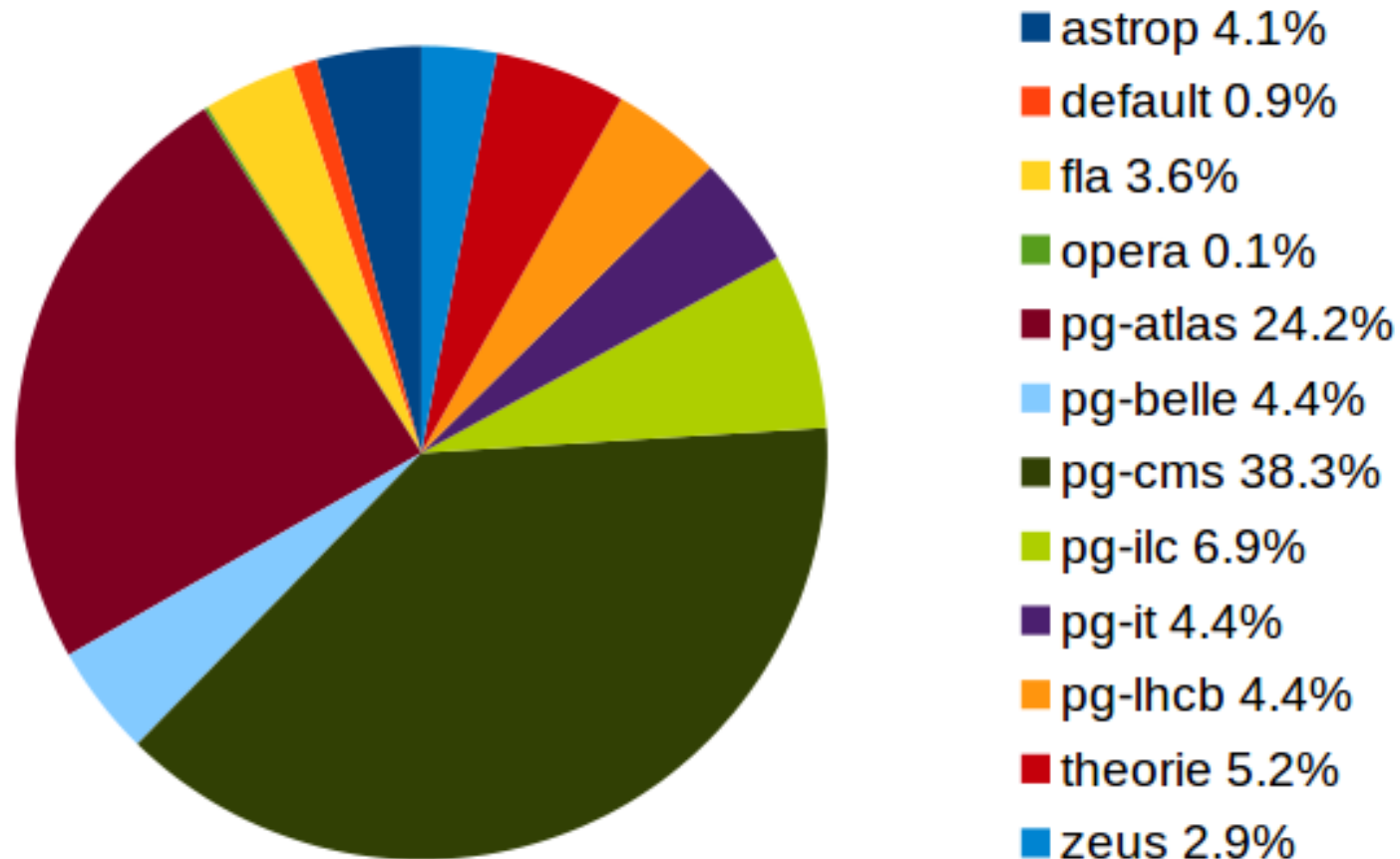
Cores

Hosts

Shares

-

astrop 4.1%
default 0.9%
fla 3.6%
opera 0.1%
pg-atlas 24.2%
pg-belle 4.4%
pg-cms 38.3%
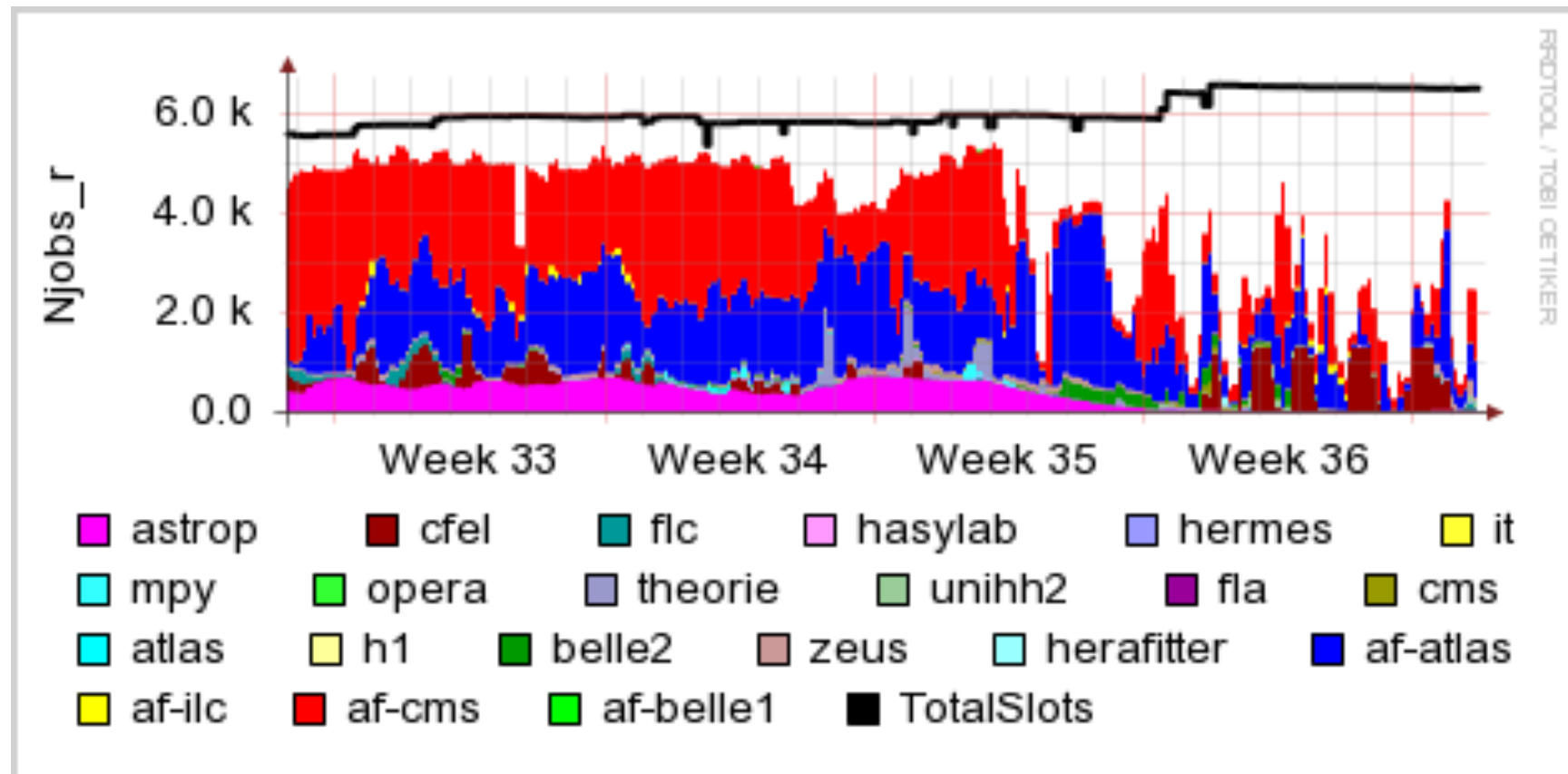pg-ilc 6.9%
pg-it 4.4%
pg-lhcb 4.4%
theorie 5.2%
zeus 2.9%

BIRD Scheduler status

- Generally well occupied - last two weeks holidays?
- Some instabilities observed, but resolved usually fast
  - In theory, SGE should handle these
  - In practice, things are complicated and slow down/break
- Some induced by "clever users": Arrays of parallel jobs
- 2015: Look into HTCondor

Generally well occupied - last two weeks holidays?

Sonas status

- Quota allocation for CMS full
- Clean up / raise oversubscription / reshuffle quotas / ...
- Additional hardware possible - would like to wait before taking this decision

NAF Wiki and Support

- naf-wiki.desy.de ... not yet announced. Should do this now
- No final word on "dispatcher" model
  - Starting to live this in IT
  - Should also involve some experiment experts
  - Kick-off meeting with experiments?

AFS

- xxl volumes
  - Coherent new naming scheme commissioned
  - $HOME/xxl is a *directory* which contains volumes like af-atlas - for newly created vols
  - Will provide a script that users can change their existing volumes
  - Outage yesterday ... hardware trouble

CVMFS

- Starting to deploy native client ... best with SL6/Puppet

- SL5 ... still CVMFS/NFS
  - Remain until end of SL5 WGS
  - or death of CVMFS/NFS server

Software issues

- People asking for ROOT 6
- Not provided by IT
- Compilation needs gcc >= 4.7
  - No installation with SL5
  - Possible with SL6 – ask for additional packages
- This is the most we can do ... we will not help people with their Makefiles

SL5/SL6 & AFS UI

- CERN: Plan to terminate SL5 Batch and Interactive by 1.10.2014
- Not the plan at DESY ... but an indication of the future though...
- AFS UI: Not provided for SL6
- The SL5 AFS UI worked "by chance" ... but not maintained since ~2 years
- Incompatibilities UI-Services ...
- Plan: Switch off AFS UI by 1.11.2014
- ... this affects among others the dcTools
- Alternatives: Use the local installations on SL6 machines
- BTW: CERN doing similar steps