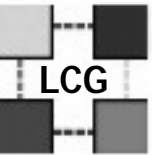


# Introduction

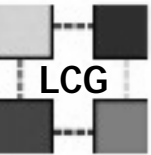
*Kors Bos, NIKHEF, Amsterdam  
GDB meeting at CERN, Sept 7 2005*



# Since the last meeting

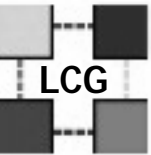
Most of us on vacation: no meeting in August

- Minutes of the July meeting at agenda page: dedicated to service challenge III throughput phase
- No specific actions from that meeting
- Thanks to James Casey !
- Jeremy Coles will take care of the minutes for this meeting ?



# Apologies received

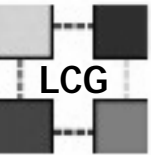
- Klaus-Peter Mickel (GE) replaced by Jos van Wezel and Andreas Heiss
- Hiroshi Sakamoto (JP) replaced by Ikuo Ueda
- Dave Kelsey (UK), GRIDPP mtng.
- John Gordon (UK), GRIDPP mtng.
- Andrew Sansum (UK), twin daughters expected !!
- Mike Vetterli (CA) joins later
- Michal Turala (PO) replaced by Tomasz Bold and Ryszard Gokieli (by VRVS)



# A bit of reflection

*after being 1 year in charge of this meeting*

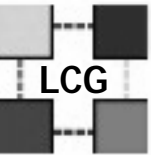
- Permanent attention for security
- Permanent attention for monitoring and accounting
- Started the service challenges
- Started T0/1-networking
- Started working group on Installation Tools
- Increased the attendance to include more technical people
- Started pre-GDB meetings with more technical issues
- Cooperation with HEPIX to start a Storage task force
  
- Two days a month often perceived as too much
- Criticised for being too European
- Confusion over role within EGEE
- Still not always the right people present
- Insufficient communication of GDB members with the people they represent
- Little pre-emptive input from the GDB to the agenda or to the format of the meetings
- Growing overlap with other workshops: operations, storage, service challenge, databases, etc.
- Further obscured role during phase II



# Plans for change

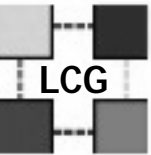
*a plea for feedback !!*

- Most attention for the Challenges
- Persistent attention for security, monitoring and accounting
- New attention on legal issues (privacy, security, MoUs, etc)
- New attention for resource planning
  
- Special attention for one Tier-1 or 2 site each time ?
- Rotating co-chairmanship ?
- Maintain the pre-GDB meetings ?
- More meetings not at CERN? Where ?
- Maintain monthly frequency ? Also when there is a workshop?
- How to go on in Phase II ? Role of GDB vs. MB ?



# Dates for 2006

- January 11 -- and drop the December 21 2005 one?  
Jan 17-20 EGEE, Barcelona
- February 8 -- in Mumbai before CHEP?  
Feb 13-17 CHEP, Mumbai
- March 8
- April 5  
April 3-7 HEPIX, Rome
- May 3
- June 7
- July 5 -- in Prague?
- Not in August
- September 6
- October 4
- November 8
- December 6



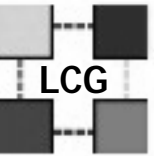
# Accounting

*Dave Kant, Matt Thorpe, Laurence Field, Min Tsai, and others*

- New version of APEL in release 2.6
- Supports PBS and LSF now
- First did not work with 2.6, quickly fixed, now fine



- Has a special LHC-view now
- CPU/WallClock Time toggle
- Can export tables in CSV format → Excel
- Website has significantly improved



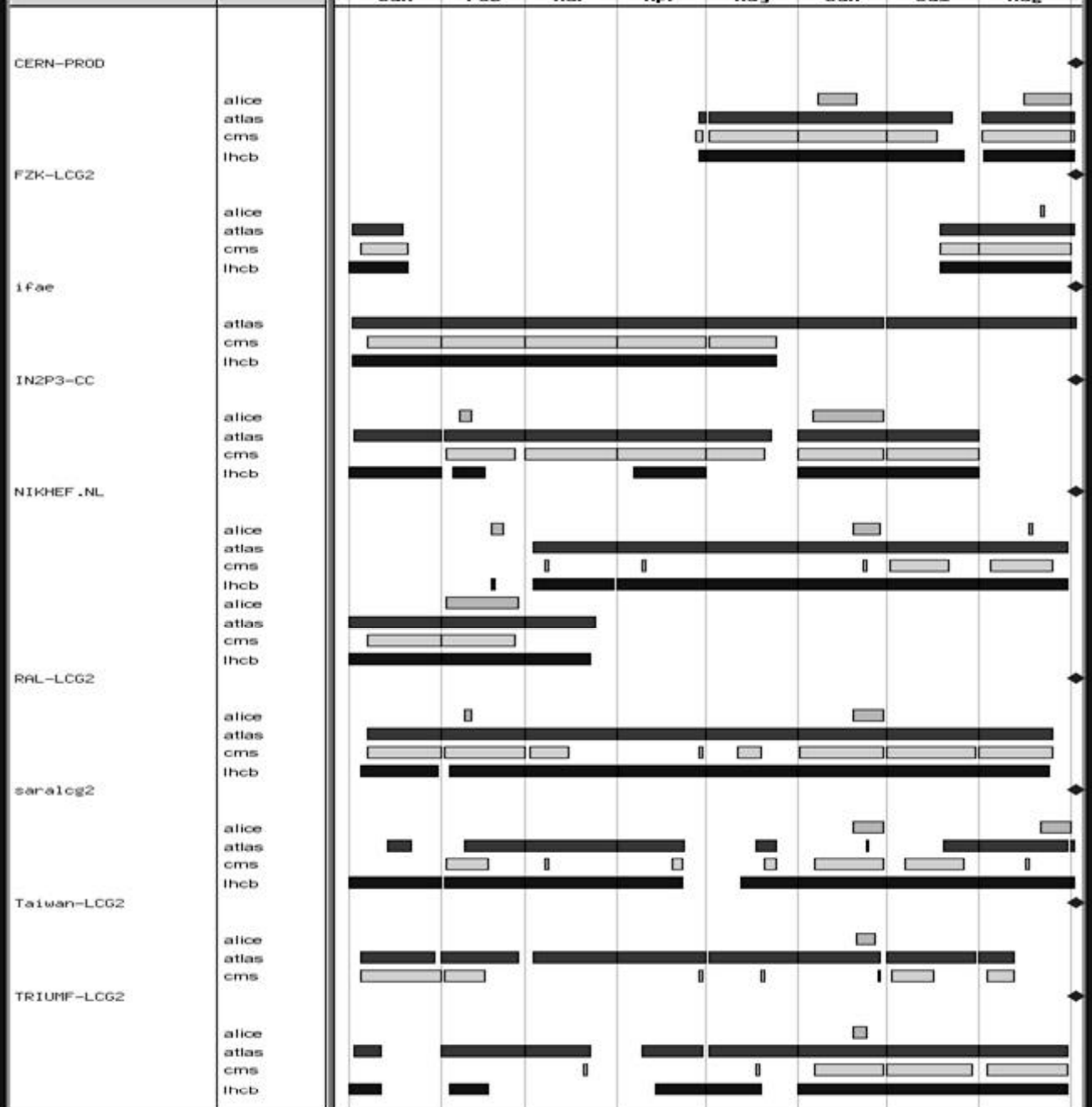
SiteName

VO

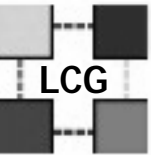
2005

Jan Feb Mar Apr May Jun Jul Aug

GDB

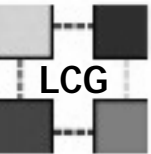






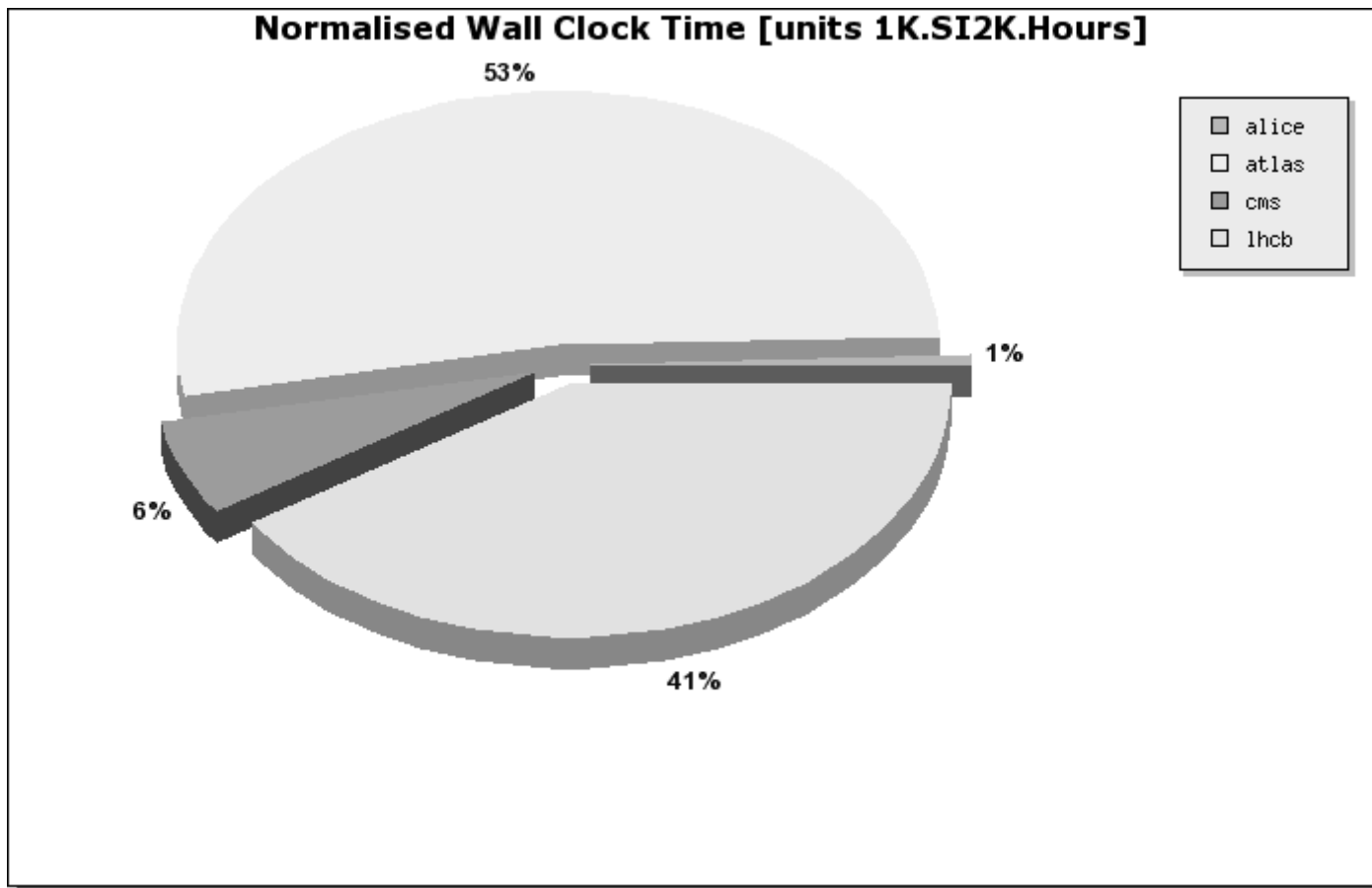
# Missing accounting

- Still missing:
  - Italy: could be solved shortly  
Contact person: Christina Vistoli
  - FNAL: people working on it  
Contact person: Ruth Pordes
  - BNL: same as FNAL?  
Contact person: Bruce Gibbart
  - Nordic countries: ?  
Contact person: ?
- Also missing:
  - Any Tier-2 centres
  - Anything else than CPU power

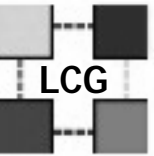


# by experiment

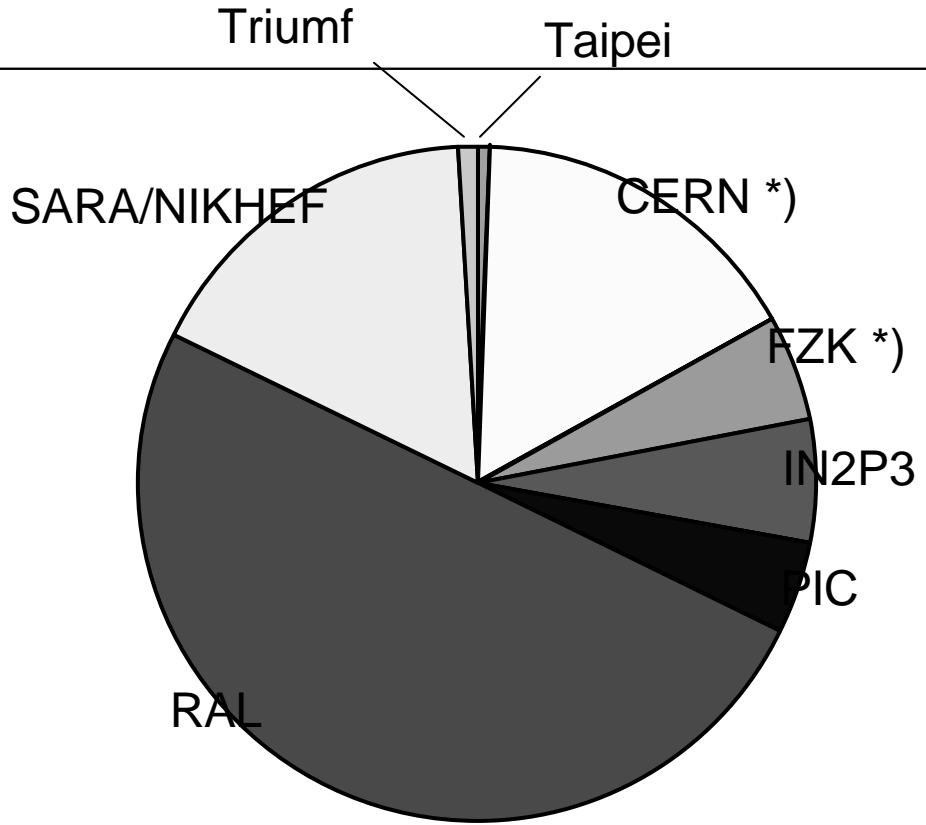
*January – August 2005*





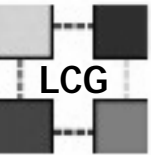


# By T1 site in a pie chart



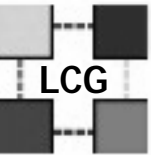
\* ) ~50% not accounted

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12



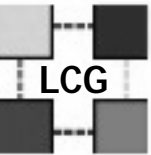
# Summary and questions

- 7 major sites report, still 4 T1 sites missing
- Could accounting be a site specific test?
- When do we start accounting for T2 sites?
- How do we present this?
- When do we start accounting for storage?
- To be discussed at the Ops. Workshop!



# Legal difficulties

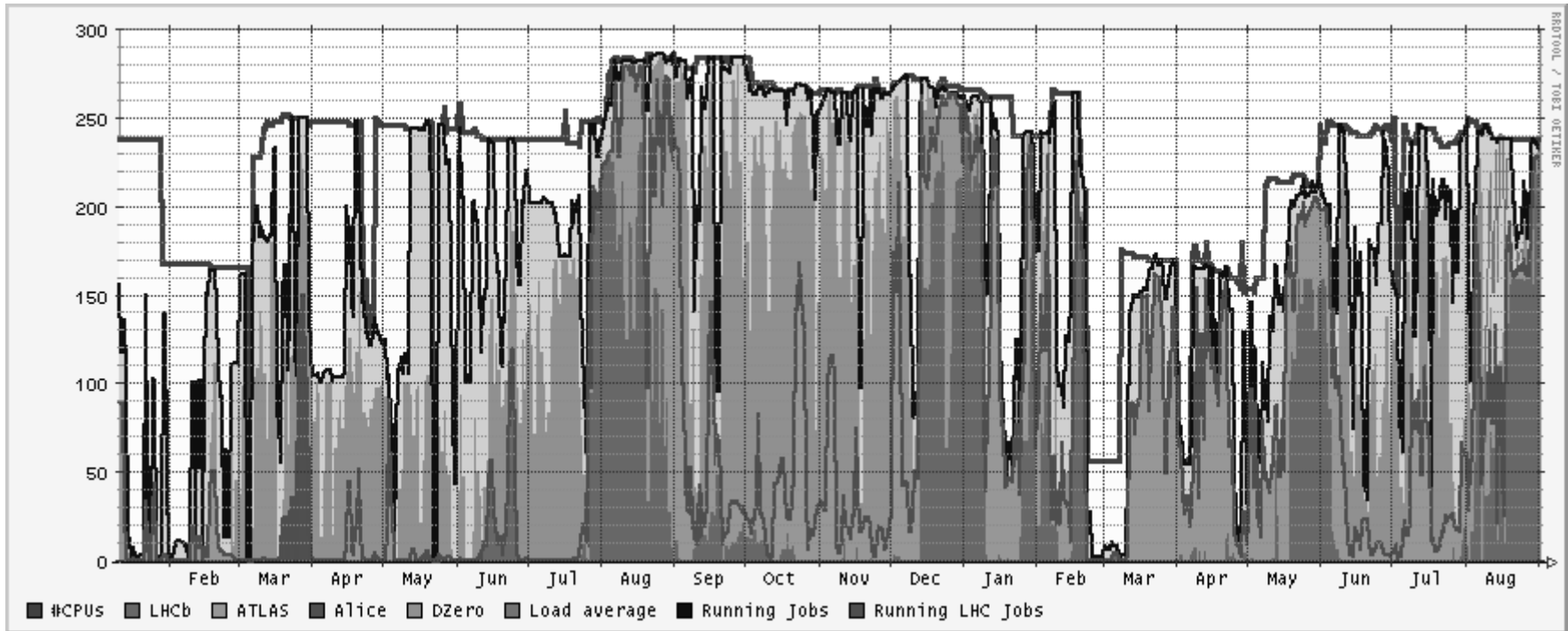
- There is a Privacy Statement at the accounting website:
  - <http://goc.grid-support.ac.uk/gridsite/accounting/privacy.php>
- FZK and SARA can not publish data per user, only per VO
- What are the rules in other countries ? And on other continents ?
- One user was consuming a lot of CPU but sites were to allowed to tell who it was. Problem solved but I believe illegally.
- Clear requirement from Atlas that they want to see accounting at the user level and not only at the VO level.
- Problem handed over to the joint operational security group (Dave Kelsey)
- Probably form a small group of experts to see what can be achieved within the room national legislation allows us to do.



# Using cheap cycles

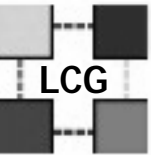
- Triggered by the above incident, Dario asked how Atlas could use 'cheap' cycles
- Job ranking is foreseen in some future software release, but is not there now
- Only immediate solution is an extra Atlas VO, something like Atlas-low-priority VO because ranking can be done at the VO level
- Ranking by submitter and sites only works if all jobs are submitted to the RB without extra policies before submission (in the VO boxes)
- At Nikhef we already have 2 of such low priority VOs: D0 and BioMed both providing us real money but Atlas can always try
- These low priority jobs are good to fill up farms to a very high percentage. Why do other sites like RAL not use this?
- Any immediate reaction or could all sites please think about this and could we discuss it again next time?

# Workload @nikhef



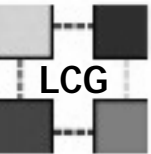
- Mostly full: D0, Atlas, LHCb and a little bit of Alice
- Now mostly LHCb and D0
- Fill up with BioMed (not visible here)





# Future meetings

- **September 27-29 Operations Workshop @RAL**
  - <http://agenda.cern.ch/fullAgenda.php?ida=a054670>
  - See also: <http://egee.in2p3.fr/events/UKI/index.php>
- **October 11-12 GDB in Bologna**
  - Overlaps with HEPiX
  - <http://agenda.cern.ch/fullAgenda.php?ida=a045326>
- **Oct.17-19 LHC DataBase workshop @CERN**
  - <http://agenda.cern.ch/fullAgenda.php?ida=a055549>
- **Oct 24-28 EGEE Proj.Conf. in Pisa**
  - <http://public.eu-egee.org/conferences/4th/>
- **Nov. 8-9 GDB @CERN**
  - <http://agenda.cern.ch/fullAgenda.php?ida=a045327>
- **Nov.12-18 SC2005 in Seattle**
  - <http://sc05.supercomputing.org/>
- **December 20-21 @CERN**
  - End of Service Challenge III



# This meeting

- Release 2.6: what is new?, what did we learn? What are the problems? When do we plan 2.7?
- User support for if it doesn't work?
- How do we report security vulnerabilities?
- Report from the Storage task Force
  
- What works now for SC3?
- What can/cannot Alice do?
- What can/cannot which sites do?
- What is ready for LHCb?
- What should be ready and when for SC4?
- What are the resources for SC4 and beyond?