

# Lancaster HEP Site Report

## **General Purpose Computing**

4 Servers, 13 Workstations

4 printers

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## **The Farm**

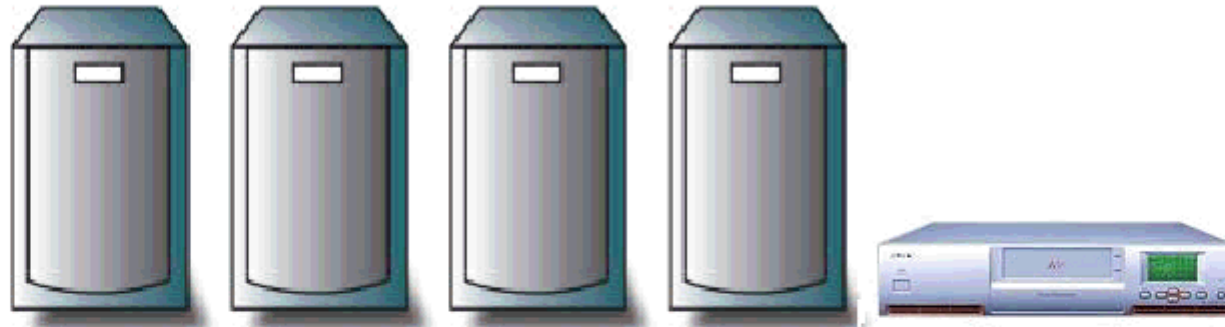
Peter Love

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Matt Doidge

# Lancaster University HEP Computing

## Servers



Print  
Cluster wide s/w  
Batch server

NIS  
Mail

Web  
MySQL

Disk/  
Tape

SONY LIB 162  
(16 tape robot  
AIT-4 tapes)

## 13 Workstations



Mixture of Scientific Linux 3 and 4  
For general purpose computing.

# Random comments

- Network managed by ISS ( campus computer centre). Wireless being rolled out across campus, already available in Physics.
- Crossover office on linux machines for opening Microsoft documents.
- VMWare on a couple of lecturers' machines.

# Changes 2005/2006 (1)

## “Evolution not Revolution”

- Disk Server upgrade
  - Replaced Each Disk with 4x bigger
  - RAID 5 allowed this to be done one at a time
  - Now creating larger RAID arrays
  - Adding Logical Volume Management on top to allow more control
- Backup Software
  - Abandoned (commercial) BRU in favour of (Open Source) Bacula – same functionality and it works!
- Web Server Replaced

# Changes 2005/06 (2)

- **Video / Phone Conferencing**

To cope with continually increasing demand we have obtained:

- second Polycom conference phone
- laptop with a Polycom camera

- **Networking**

All IP addresses changed as part of campus move to subnetting.

- **Printers**

New HP Mono Laserjet purchased

New Epson colour laser printer purchased

Old DEC Ips 17/600 finally allowed to expire!

# Changes in Near Future

- Replace NIS server
- Replace Video Conference machine
- Replace CRT with Flat screens

# “Issues”

- Occasionally machines have gone crazy, following yum update, e.g..
  - X Windows disappearing
  - All daemons getting turned off
- Wireless on linux laptops. (*Do not buy ACER 8100 series!*)
- Torque for SL 4