

Langston University Site Report

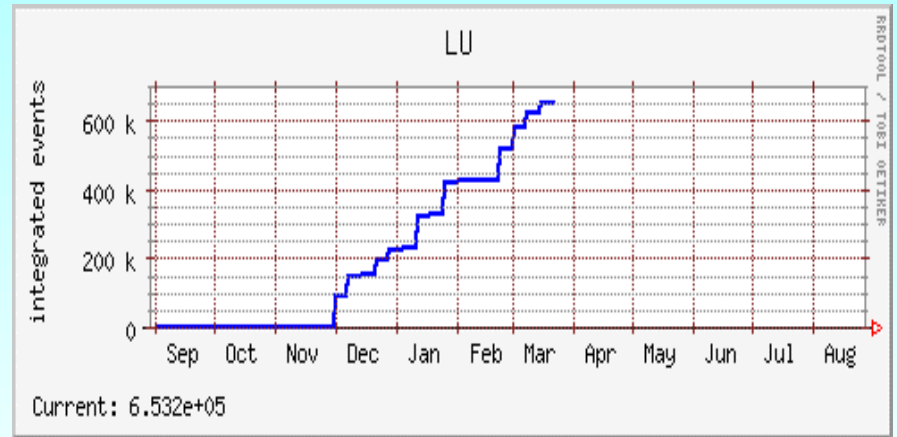
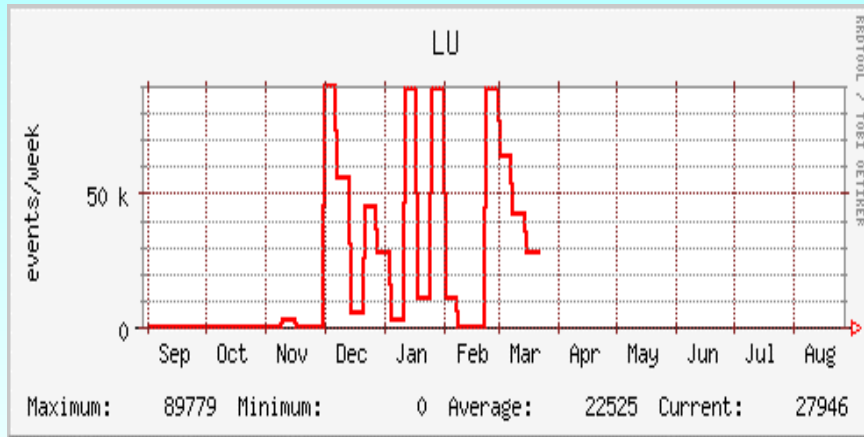


Cluster Hardware

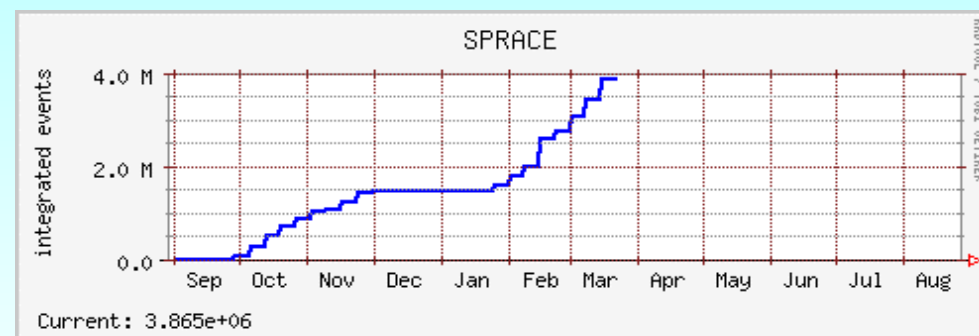
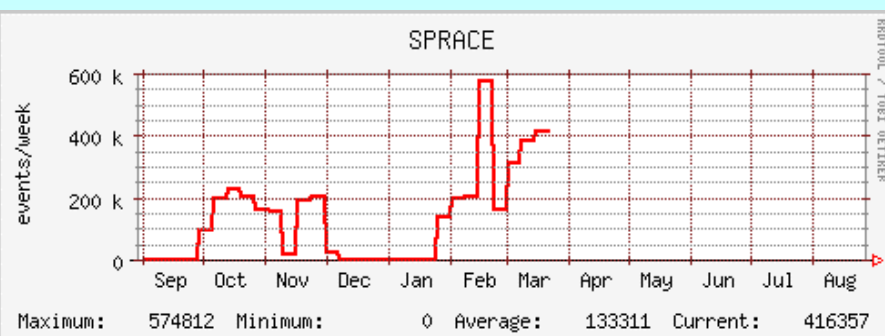
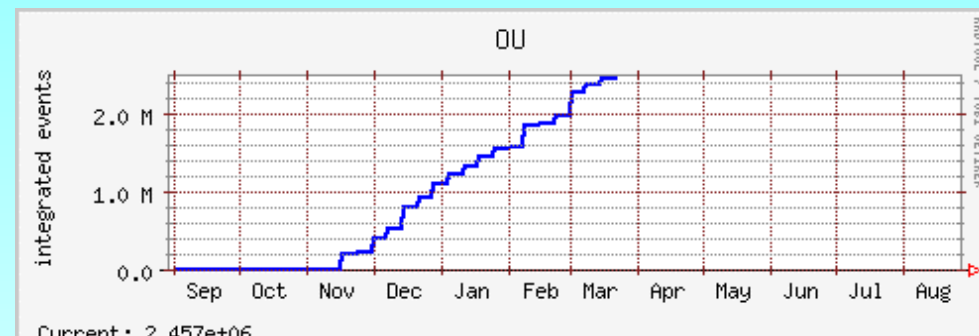
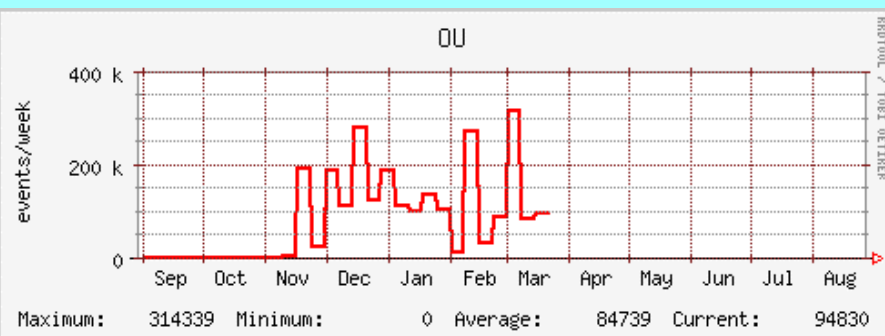
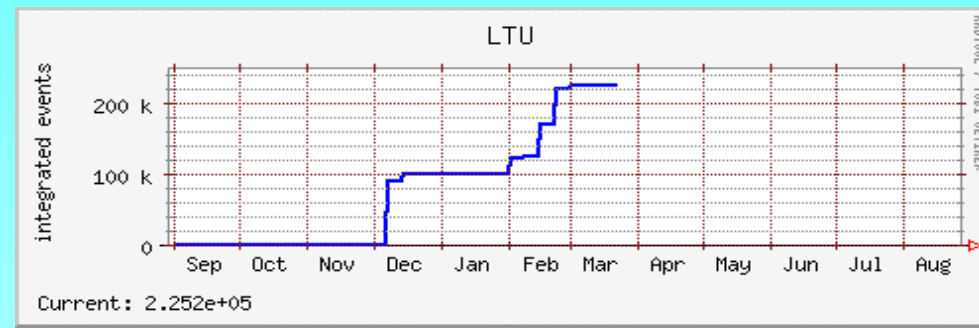
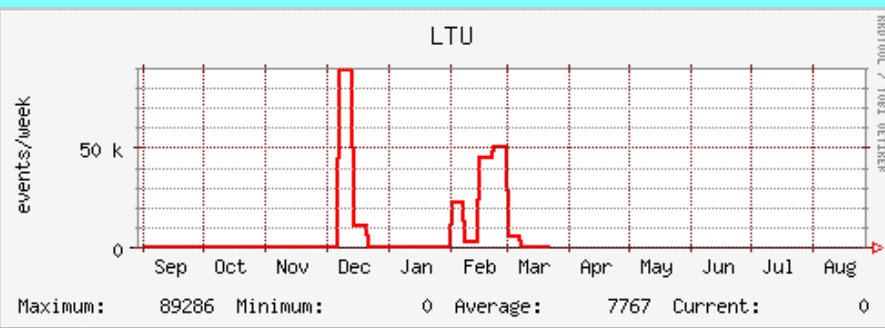
- Desktop variety - 10 nodes, 14 CPU's, 10 GB RAM, 2.5 TB disk
 - 5 nodes, 9 CPU's, 21 GHz-CPU for production
 - Adding another 3.2 GHz-CPU
- ~7.5 GFlops as reported by Condor
- Debian Gnu/Linux OS 3.1
- Network has 1000 Mbs intraccluster, 100 Mbs intercluster

LUHEP DØ MC Production

- SAMGrid installed and operating at LU since April 2004
- SAMGrid execution site and submission site
 - Submission site used by DOSAR
- 650K events in MCP17 era



More DOSAR Production



Future Plans

- Continue MC production
- Install OSG on 3 old machines (P3) on private net to gain experience
- Obtain more machines time permitting
- Participate in utilization of OU/LU ATLAS Tier 2 site
 - 25% LU funds