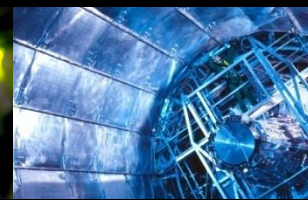
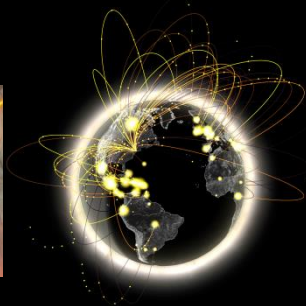
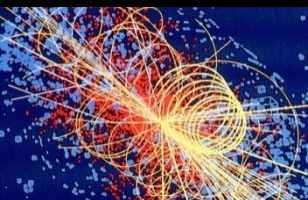
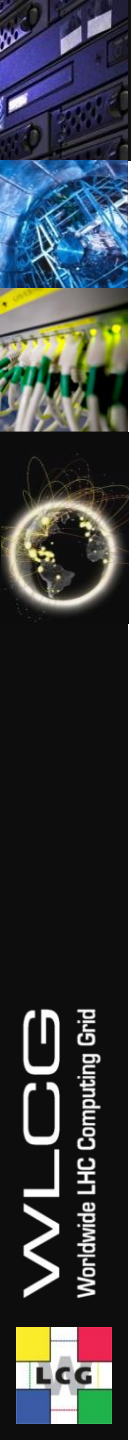


Accounting Verification

John Gordon

March 2014 pre-GDB





- We have widespread publication of cpu accounting data for WLCG and other communities
- Numbers
- Batch Systems: Torque/Maui; PBSPro; LSF; {S}GE;HTCCondor
- Direct from Site Accounting Systems
CERN, NIKHEF
- Other e-Infrastructure Accounting Systems
SGAS, OSG, DGAS
- Other Middleware

- Comments from experiments that APEL does not (always) agree with their internal accounting obtained from job outputs.
- Questions about accounting of 'Failed Jobs'
- So, I have concerns about
 - Whether the APEL interpretation of batch logs is 'correct'
 - Whether APEL interprets the logs of **ALL** batch systems in the same way

Proposal

- I would like to form a small team of batch system experts to review the APEL Parser code
- 2+ experts per batch system?
- Initial Concerns
 - A. 'Failed Jobs' Are we missing productive cpu usage due to the way the batch system reports the job termination/RC?
 - B. cpu/nodes/cores – are we consistent in reporting?
- Volunteers please?