

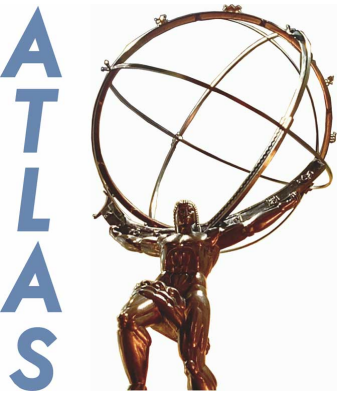
# Evolution of User Analysis on the Grid in ATLAS - Highlights

A. Dewhurst (RAL), F. Legger (LMU)

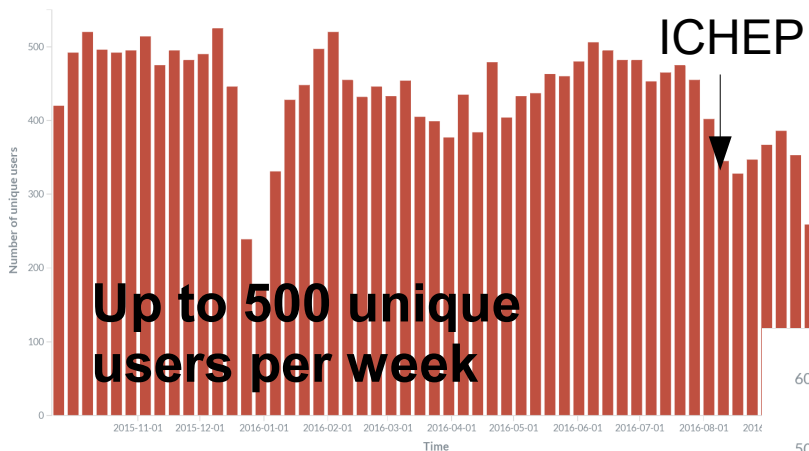
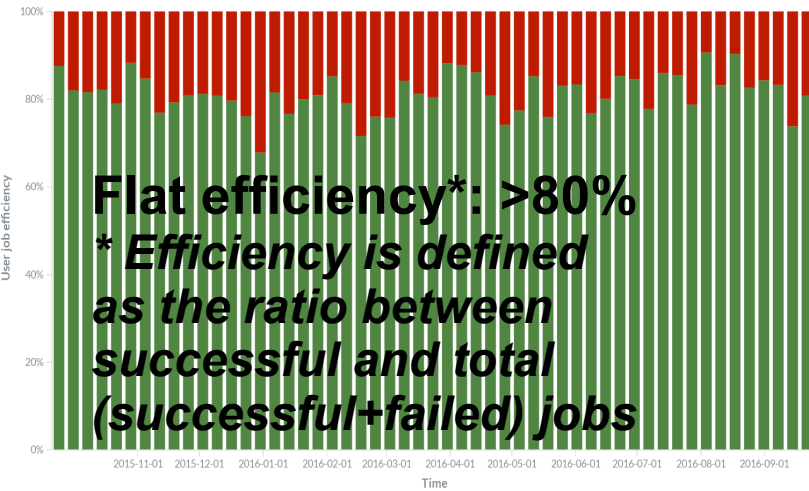
*on behalf of the ATLAS collaboration*

October 12th, 2016

22nd International Conference on Computing in High Energy and Nuclear Physics (CHEP), San Francisco



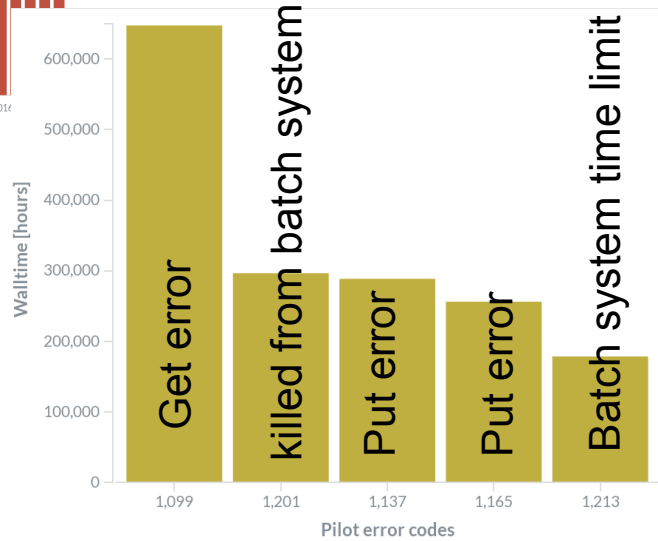
# ATLAS User jobs



- > Number of unique users: ~1000
- > Average wall time/job: ~1 hour
- > Average queue time/job: ~2 hours
- > Average memory/job: 600 MB
- > Average number of jobs/user: 10k/month
- > Average number of events/user: 150M/month
- > Average input/job: 15 GB / 4 files / 15k evts
- > Average output/job: 100 MB

- **Walltime consumption of failed jobs:**
  - ~50% application errors
  - ~50% infrastructure: storage errors and batch system kills

Top 5 pilot exit codes



Top 5 application exit codes

