









LHC DATA ANALYSIS

Experimental HEP codes key characteristics –

- modest memory requirements
- perform well on PCs
- independent events
 → easy parallelism
- large data collections (TB \rightarrow PB)
- shared by very large user collaborations

For all four experiments

- ~15 PetaBytes per year
- ~200K processor cores
- > 5,000 scientists & engineers

CSC 2007



















































































