



cherenkov
telescope
array

Cherenkov Telescope Array production system prototype

Luisa Arrabito¹

K. Bernloehr², J. Bregeon¹, T. Hassan³, A. Haupt⁴, G.
Maier⁴, A. Moralejo³, N. Neyroud⁵

for the CTA Consortium

F. Stagni⁶, A. Tsaregorodtsev⁷ for the DIRAC Consortium

¹LUPM CNRS-IN2P3 France

²MPIK Germany

³IFAE Spain

⁴DESY Germany

⁵LAPP CNRS-IN2P3 France

⁶CERN

⁷CPPM CNRS-IN2P3 France



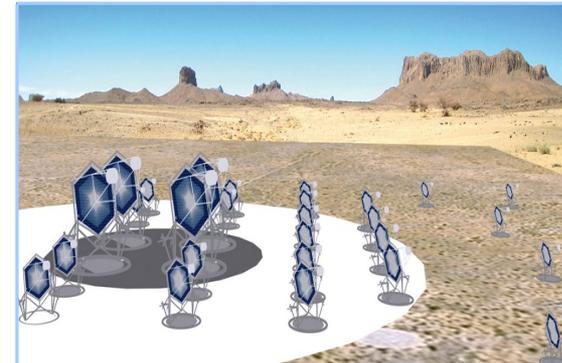
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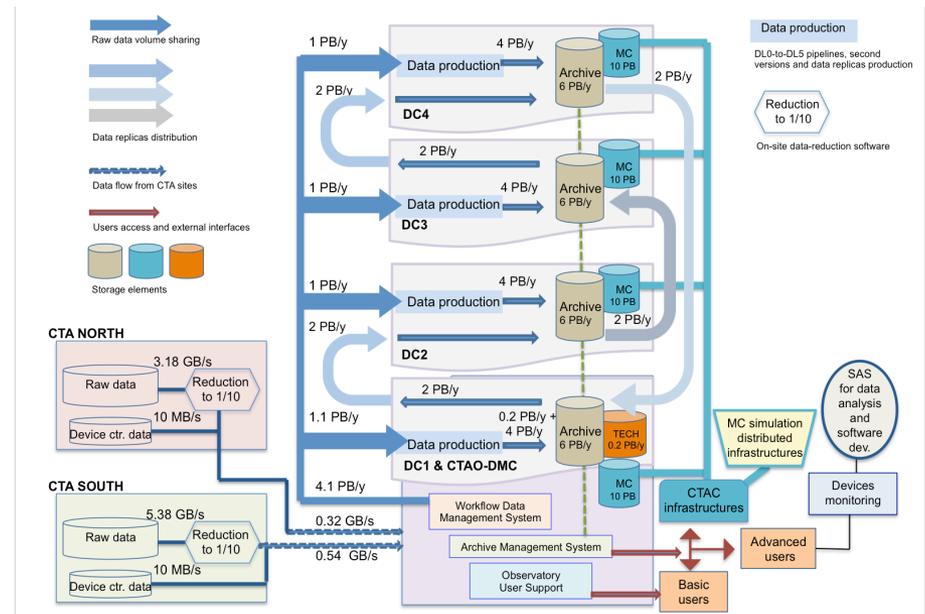
CTA (Cherenkov Telescope Array)



- CTA
 - 1200 scientists in 32 countries
 - Two arrays of Cherenkov telescopes at La Palma (Spain) and Paranal (Chile)



- Raw-data volume
 - 40 PB/year
 - 4 PB/year after reduction
- Total data-volume
 - 27 PB/year
- Distributed computing model based on 4 main data-centres

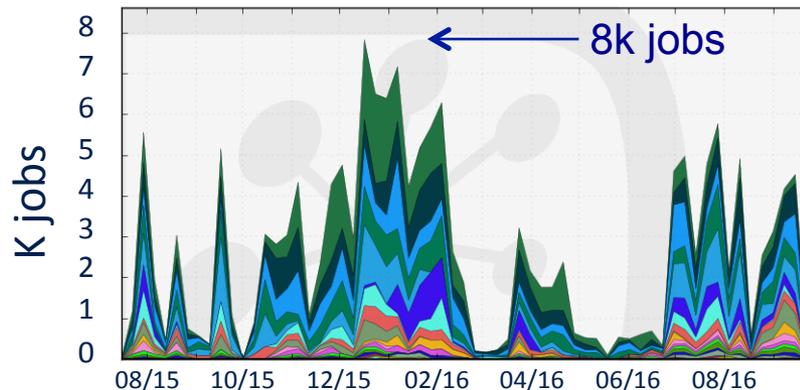


CTA production setup

- Production setup based on 
 - Used since 3 years for MC massive simulations on the Grid
 - 11 PB produced data (2 PB currently on disk/tape)
 - 25 M files registered in the DIRAC File Catalog
 - Currently developing a data-driven system to completely automatize data-processing during CTA operations



Running jobs by site during Prod3



Produced and registered data by destination

