

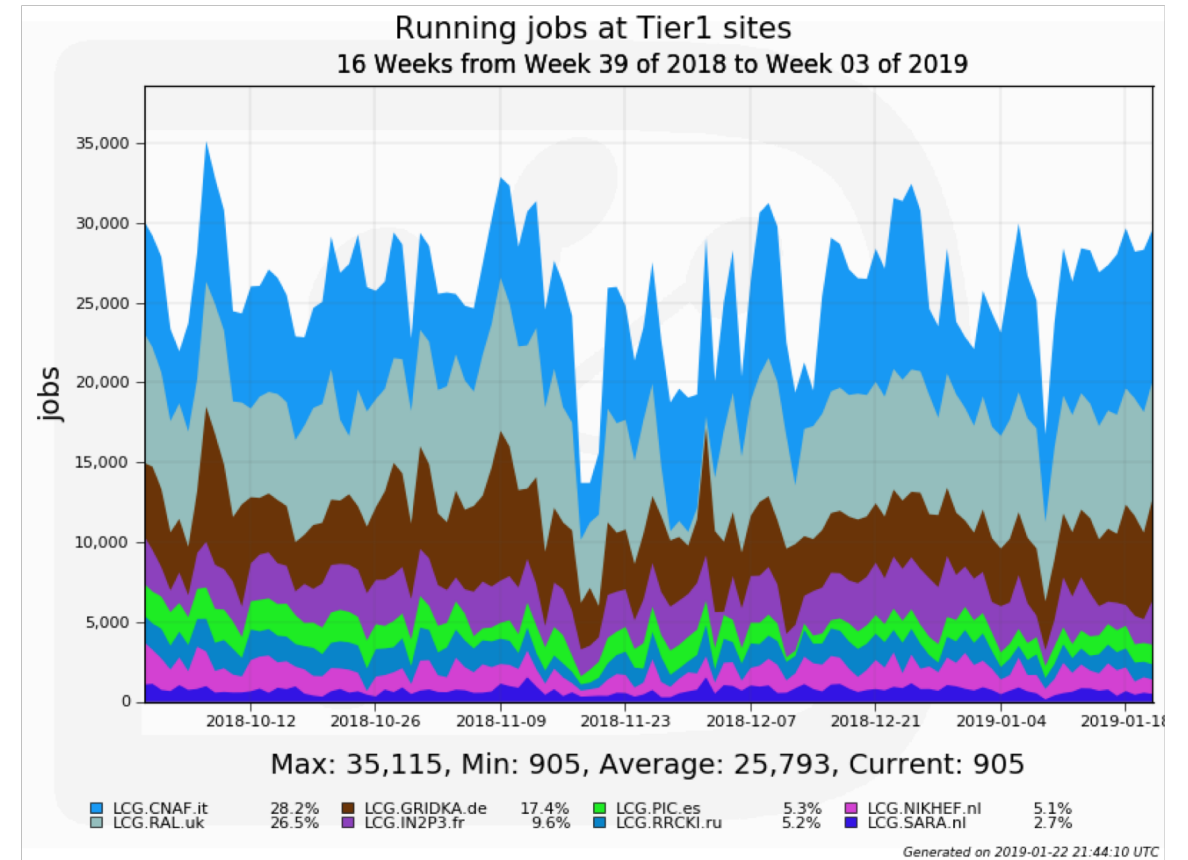
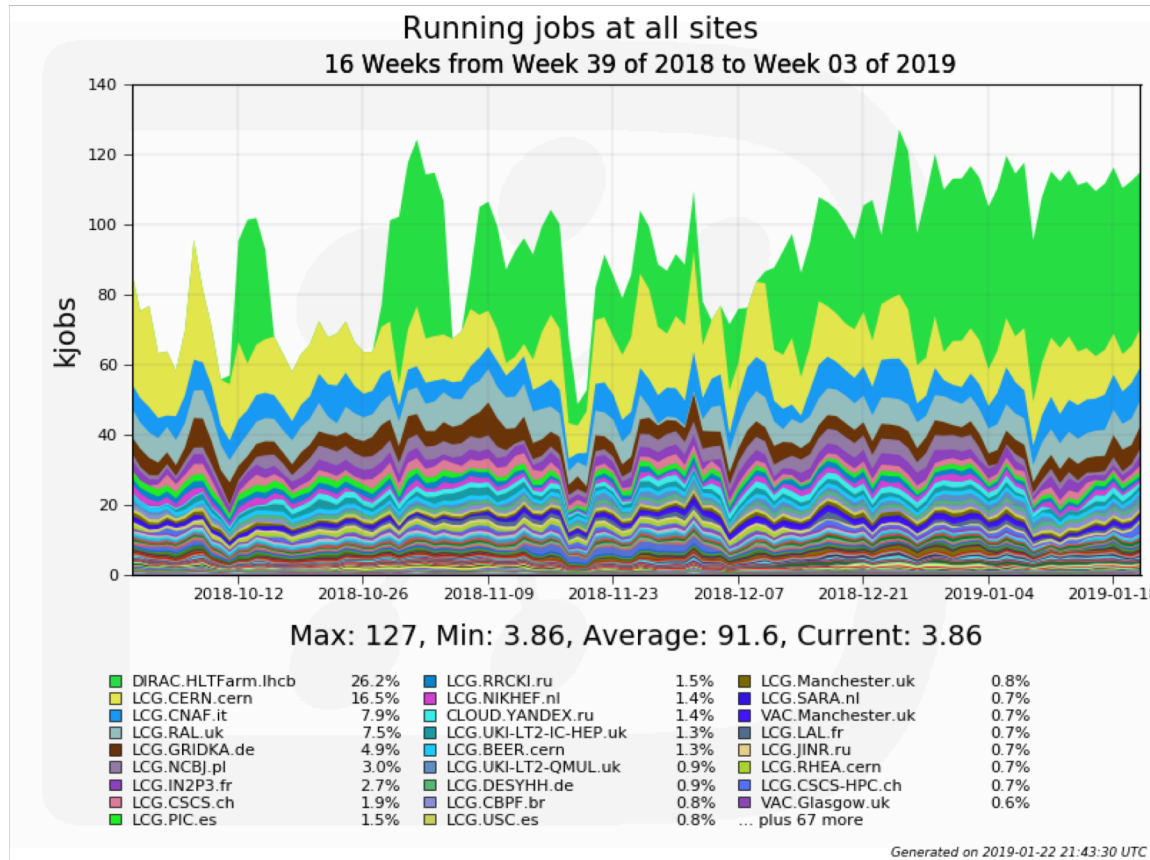
# Stato di LHCb

Concezio Bozzi

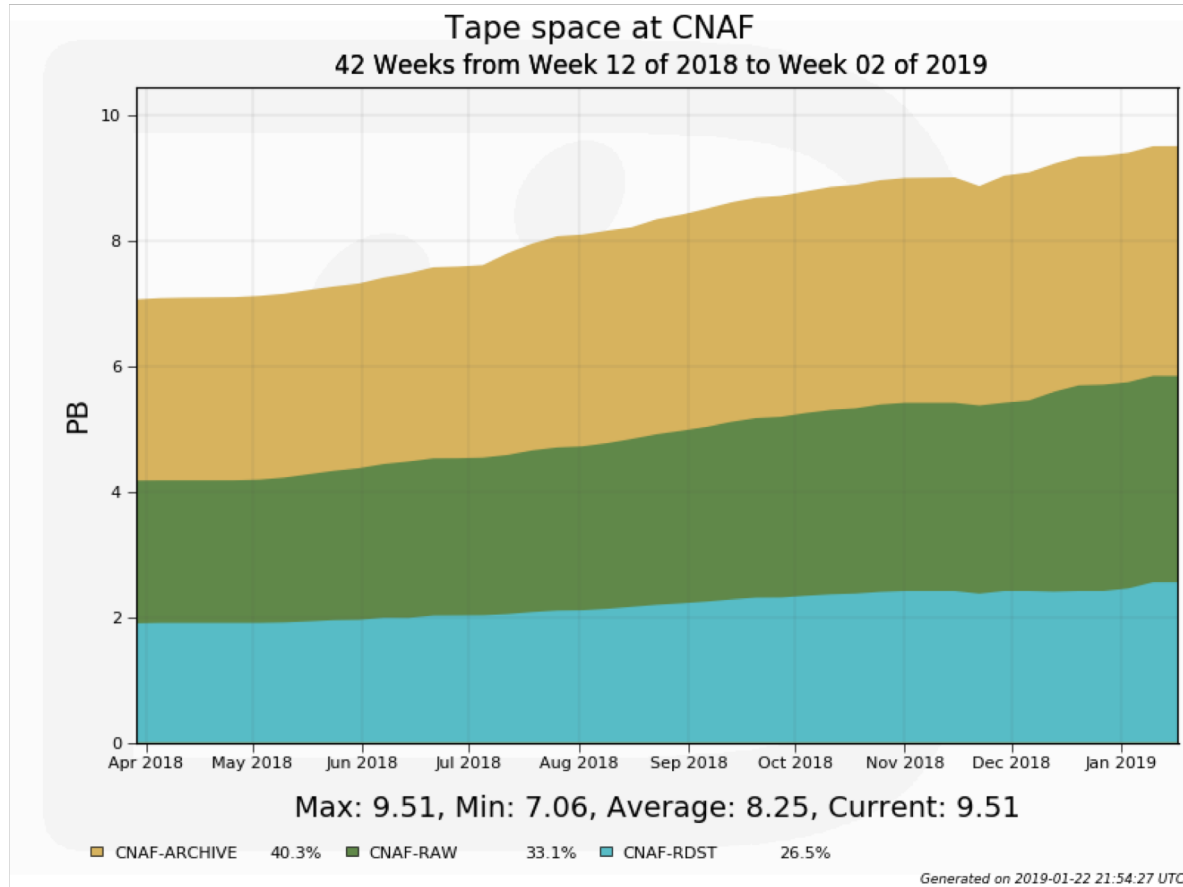
CdG Tier1

23 Gennaio 2019

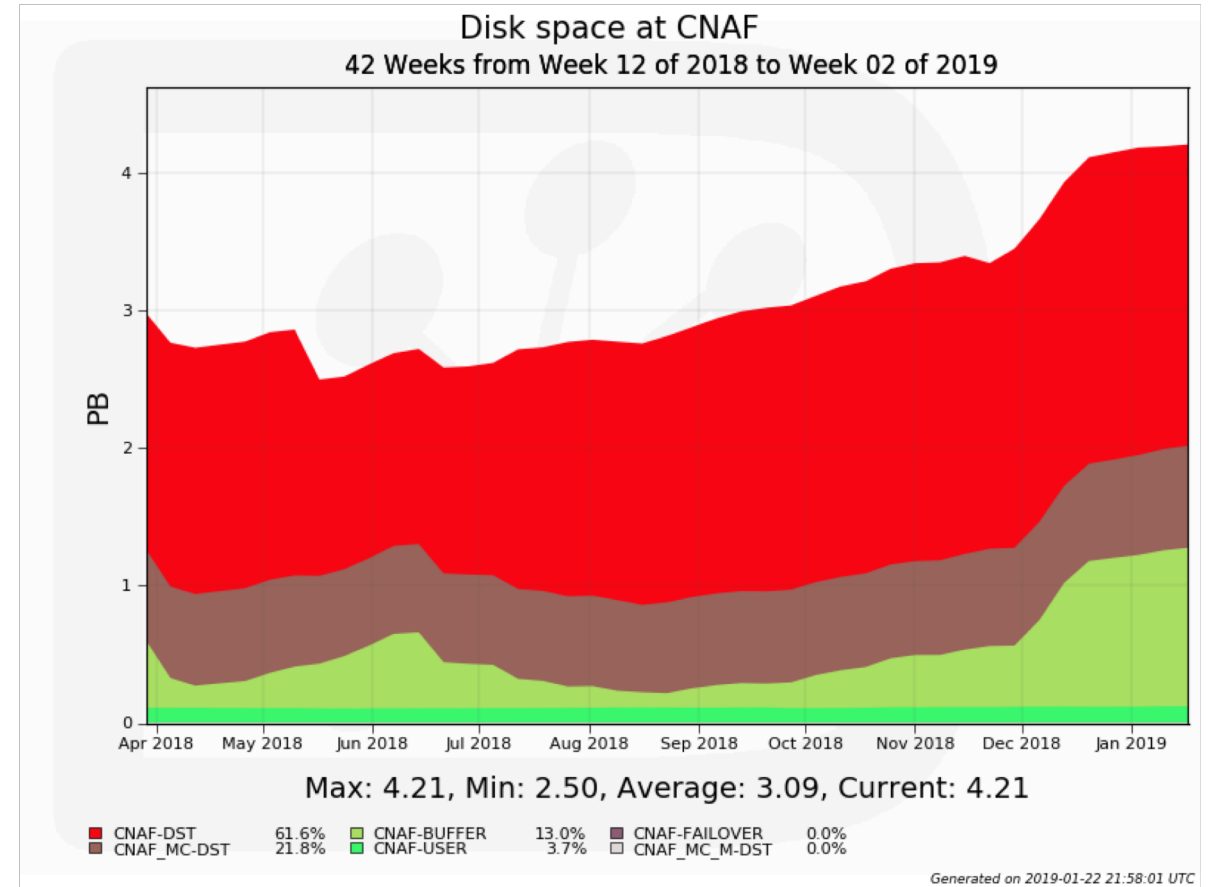
# Running jobs – CNAF is Tier1 #1!!



# Storage



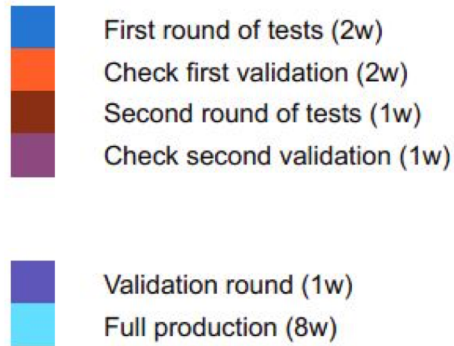
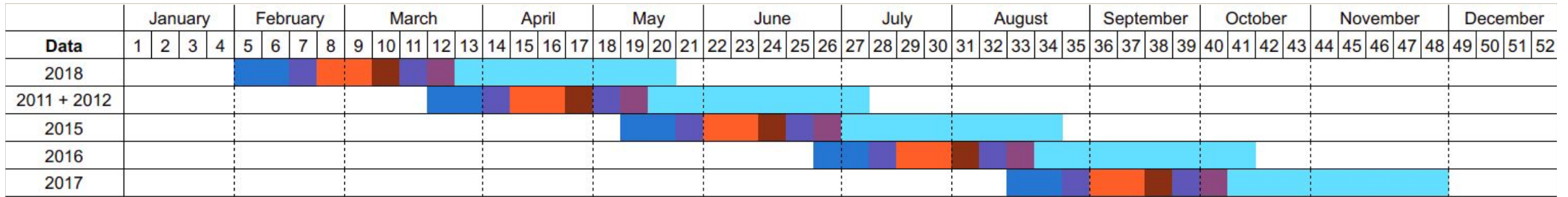
[2018 tape pledge: 11.4PB]



[2018 disk pledge: 5.6PB]

# Campagne di re-stripping dei dati nel 2019

- Intensa rilettura dei nastri (RAW+rDST) di dati Run1+2 per gran parte del 2019



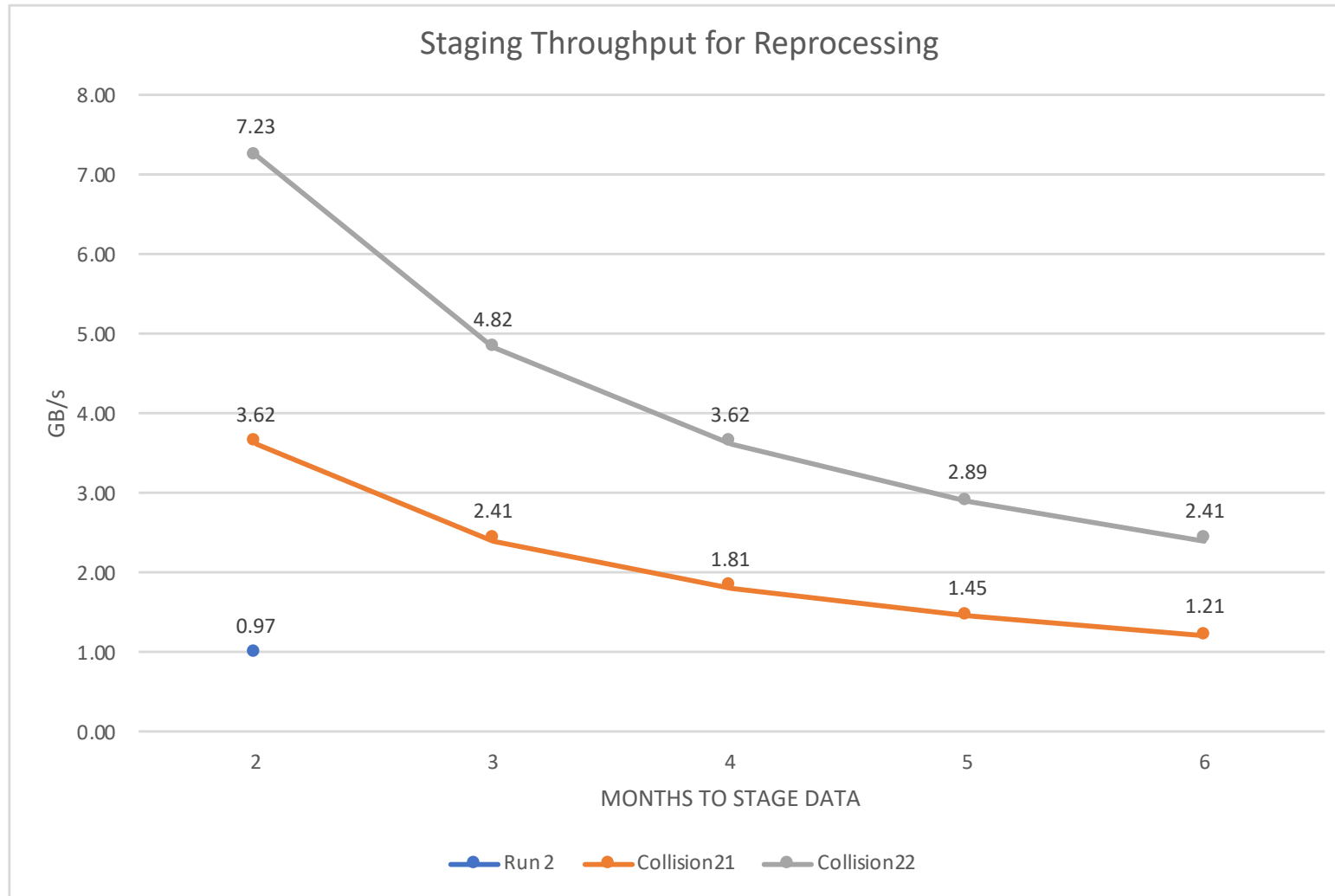
**Proposed (very tentative) deadlines for collection of lines:**

- 2018: 27th of January, 2019.
- 2011+12: 17th of March, 2019.
- 2015: 5th of May, 2019.
- 2016: 23rd of June, 2019.
- 2017: 11th of August, 2019.



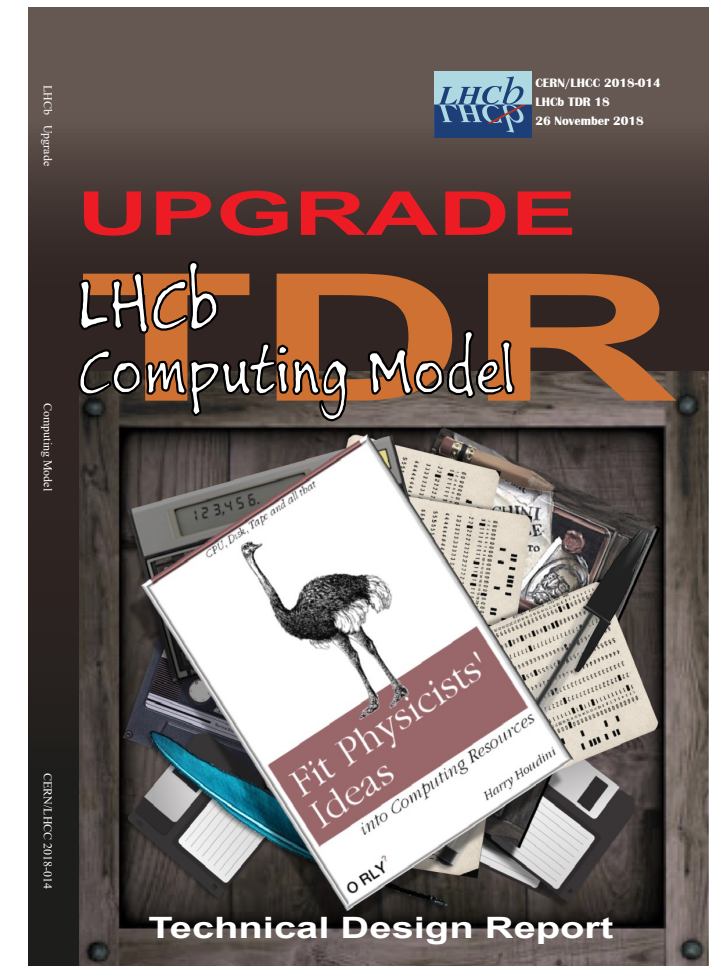
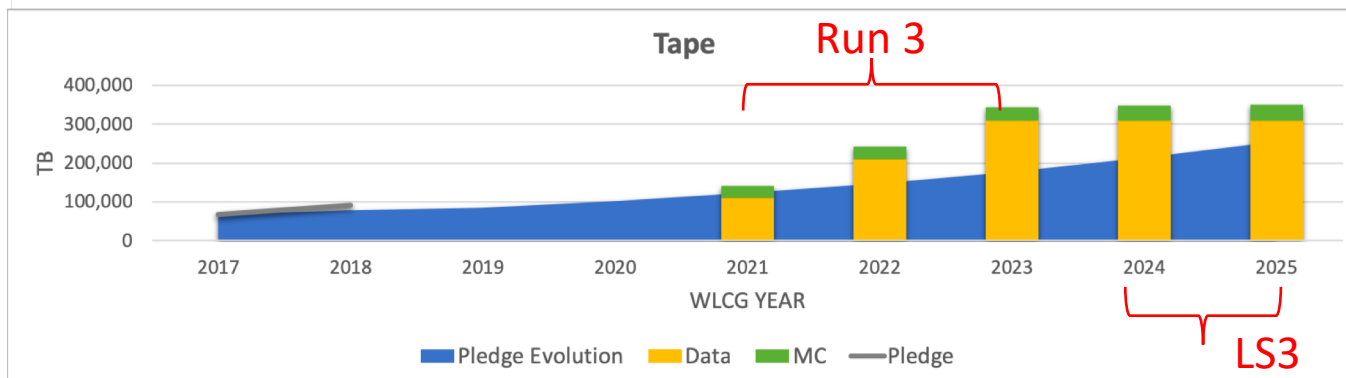
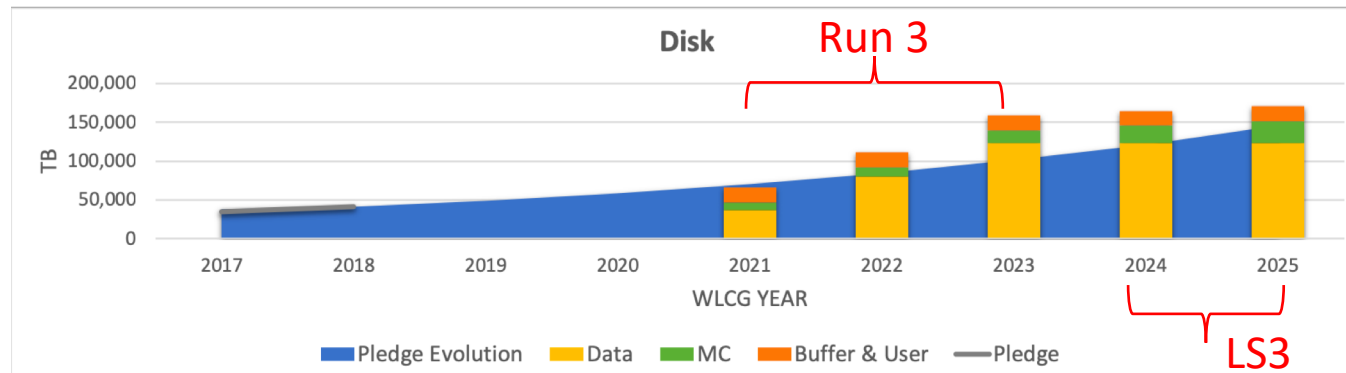


# Rilettura nastri in Run3



# Run 3 Computing Model TDR

- Attualmente in revisione da parte di LHCC e Scrutiny Group
- 10GB/s da HLT verso storage offline

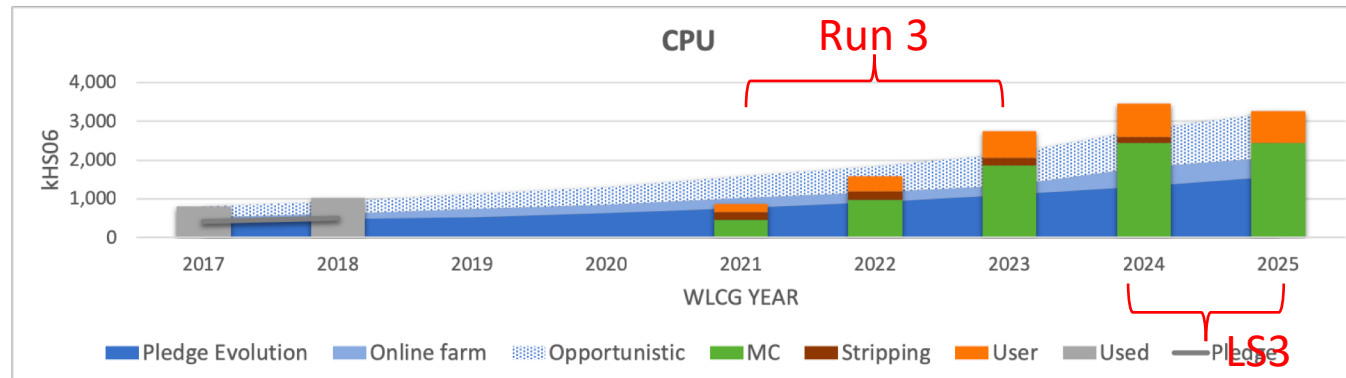


<https://cds.cern.ch/record/2319756>

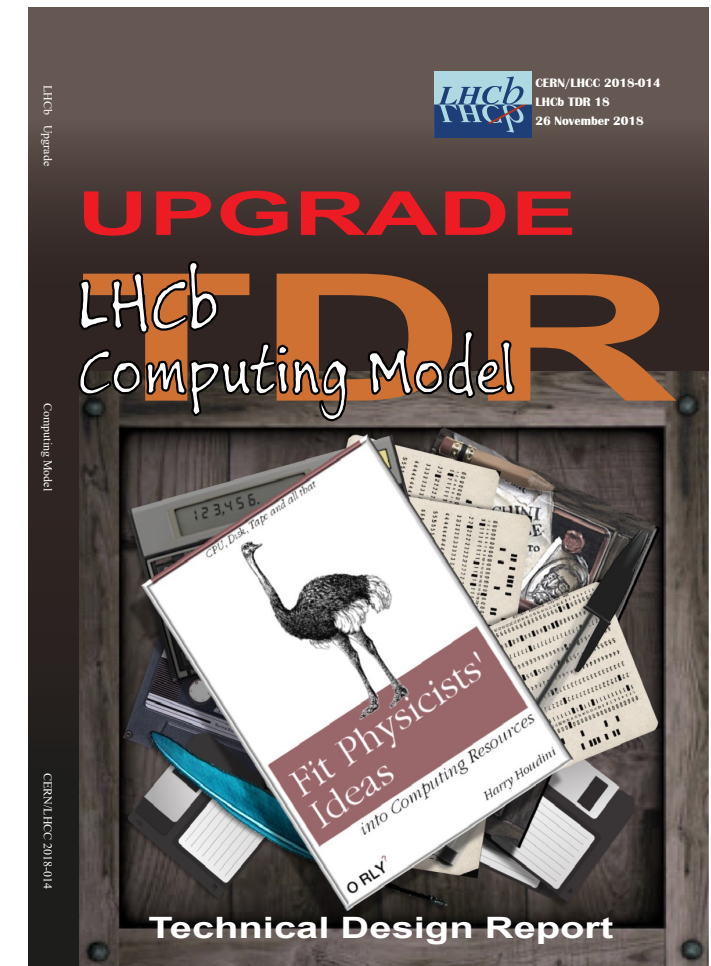
- Massime deviazioni rispetto a «flat budget»: 1.6x disco, 1.9x nastro
- In linea con flat budget alla fine di LS3

# Run 3 Computing Model TDR

- Attualmente in revisione da parte di LHCC e Scrutiny Group
- CPU dominata da produzione MC



- NB: CNAF ~18% (CPU, disco), 25% nastro



<https://cds.cern.ch/record/2319756>

- Massima deviazione rispetto a «flat budget»: 2.5x CPU
- Risorse opportunistiche e farm HLT mitigano le richieste a WLCG