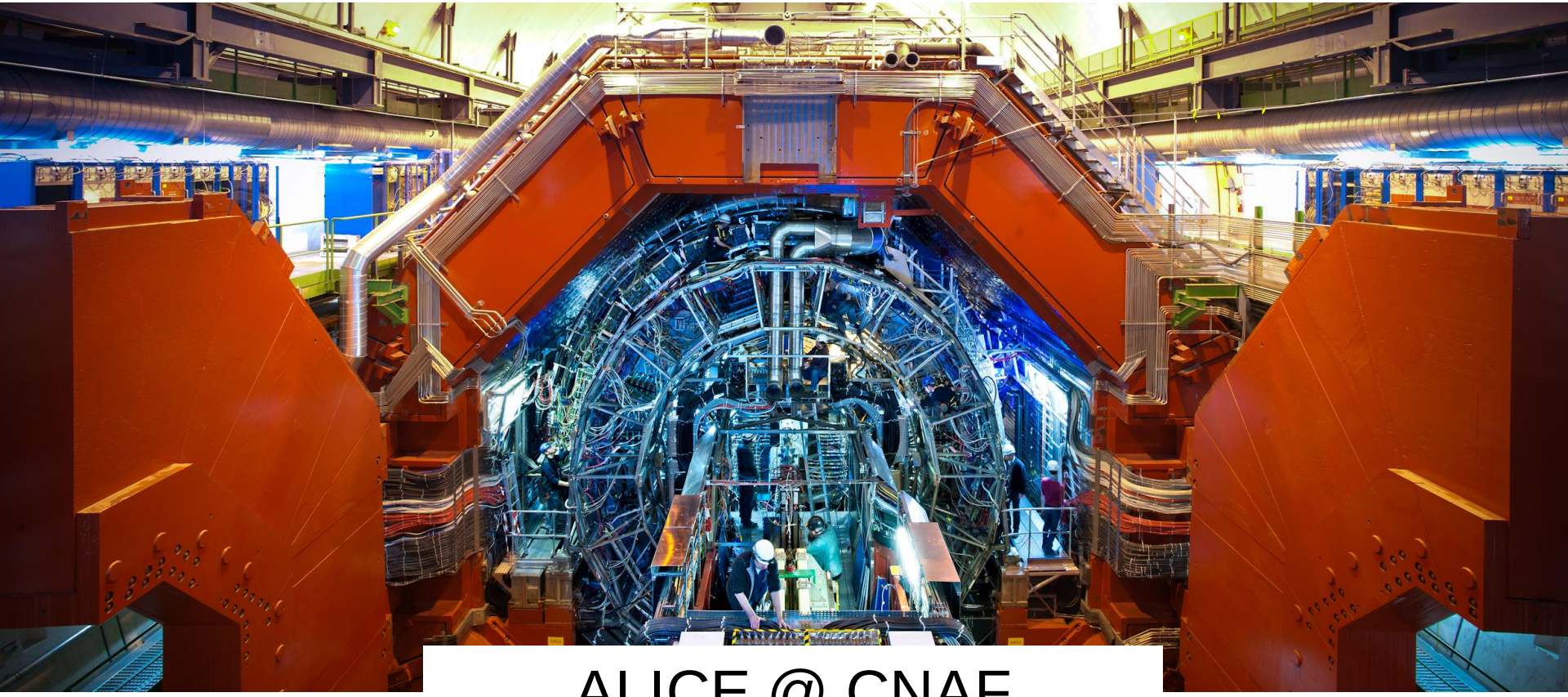
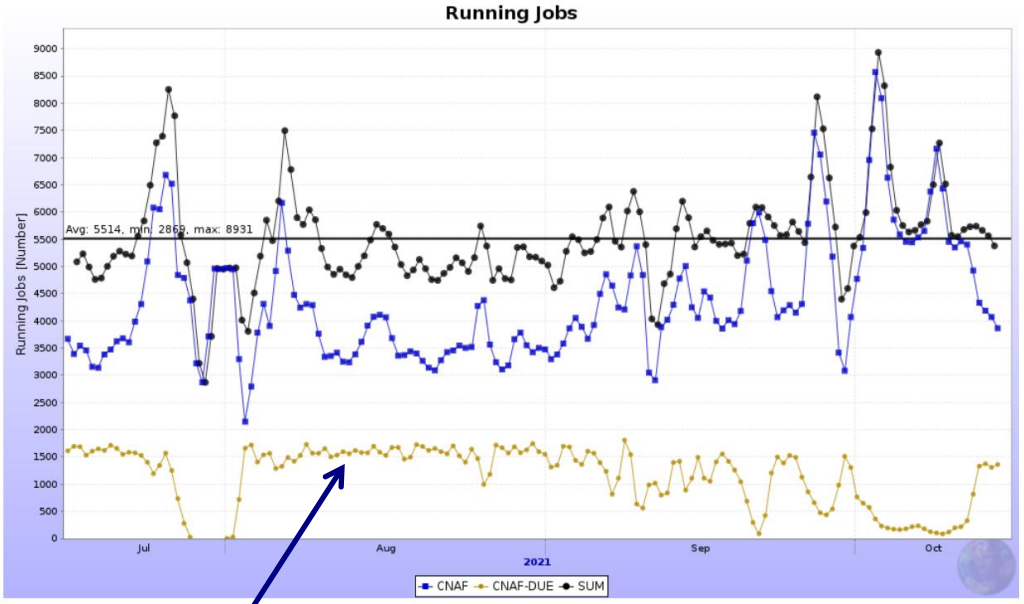


ALICE @ CNAF

Francesco Noferini – INFN sez. Bologna
Domenico Elia – INFN sez. Bari

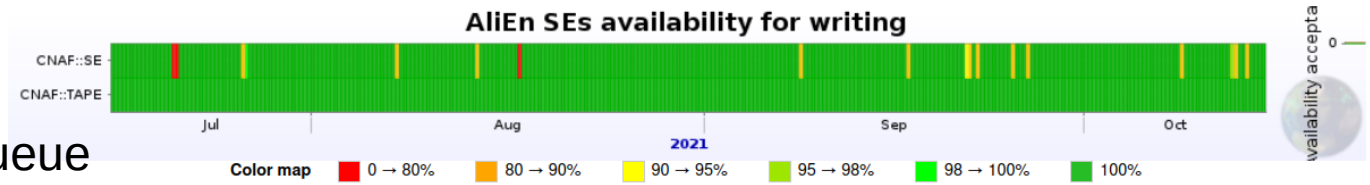
Statistiche disco



Attività regolare.
Stato risorse vs pledge: no news rispetto a luglio.

DISCO (SE): 7.0 PB used at 88%
BUFFER (TAPE): 574 TB
Pledge 2021 → 8.23 PB

Multicore queue



Statistics

Link name	Data		Individual results of writing tests			Overall
	Starts	Ends	Successful	Failed	Success ratio	Availability
CNAF::SE	16 Jul 2021 02:36	15 Oct 2021 08:04	2174	20	99.09%	99.14%
CNAF::TAPE	16 Jul 2021 02:22	15 Oct 2021 07:51	2205	0	100%	100%

Report/Open Issues

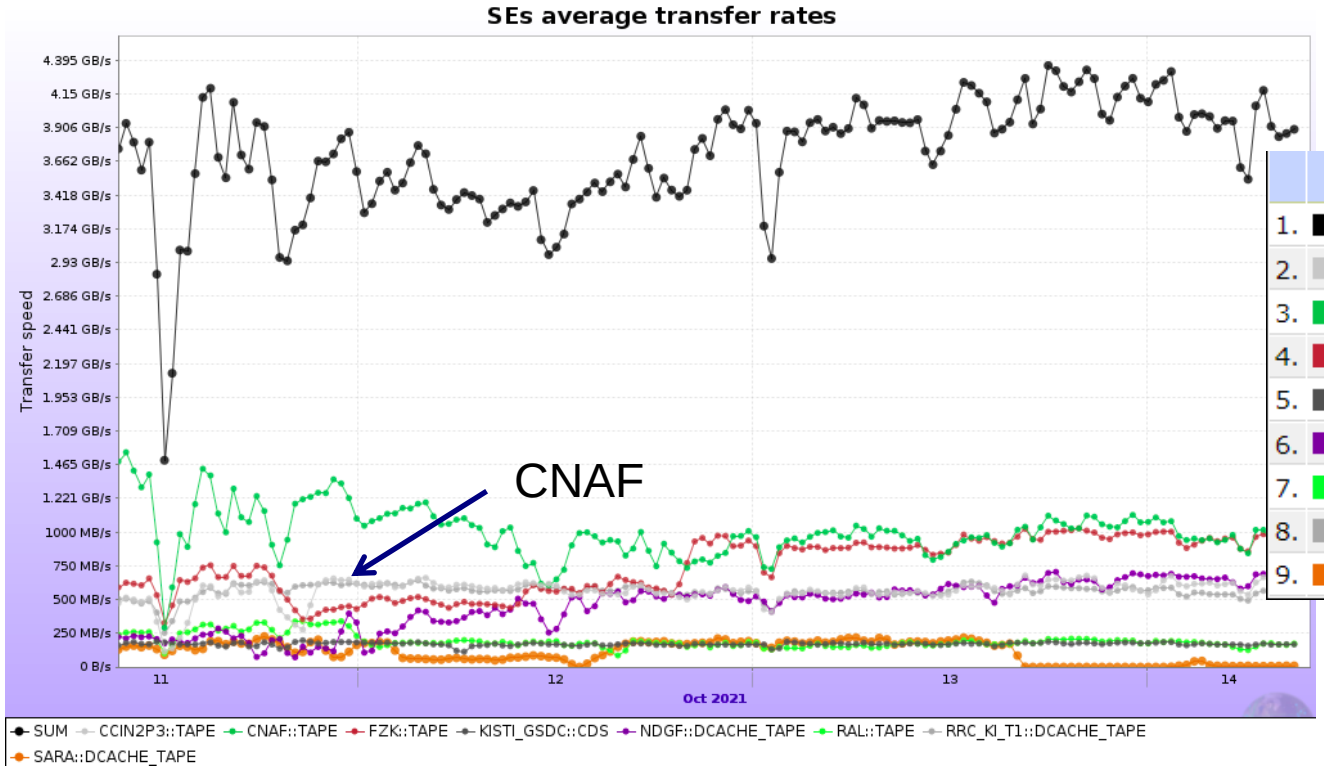
Report

- Combined tape challenge 11-15 October 2021 - ALICE activities: 3 giorni di test trasferimento dati CERN→Tier-1 **[Success]**

- HTCondor-9: validazione CE di test con invio job da vobox del CERN (Maarten Litmaath) **[Success]** → ok a migrazione di alcuni nodi a HTCondor 9

- Beam test previsto nella settimana 25-31 ottobre (run di fisica dal 29/10 al 31/10, pp@900 GeV)

Combined tape challenge 11-15 October 2021 - ALICE activities



	Series	Avg
1.	SUM	3.714 GB/s
2.	CCIN2P3::TAPE	562.7 MB/s
3.	CNAF::TAPE	1001 MB/s
4.	FZK::TAPE	743.9 MB/s
5.	KISTI_GSDC::CDS	169.9 MB/s
6.	NDGF::DCACHE_TAPE	458.9 MB/s
7.	RAL::TAPE	193 MB/s
8.	RRC_KI_T1::DCACHE_TAPE	561.2 MB/s
9.	SARA::DCACHE_TAPE	112.6 MB/s

All T1 channels are capable of much higher rates [CNAF→+30%].
As a reminder - the **rate share is tuned proportionally to each T1 pledged [CNAF→30%]** tapes and the absolute values are (as per the computing model) to be able to transfer **~20PB of the Pb-Pb data in ~3 months after the end of data taking [CNAF→0.77 GB/s]**.