

# Stato Farming ed evoluzione

Stefano Dal Pra  
Diego Michelotto  
Federico Fornari  
Andrea Chierici

# Job trends

Overview Storage Farming

Total jobs efficiency



T1 jobs efficiency



CINECA jobs efficiency



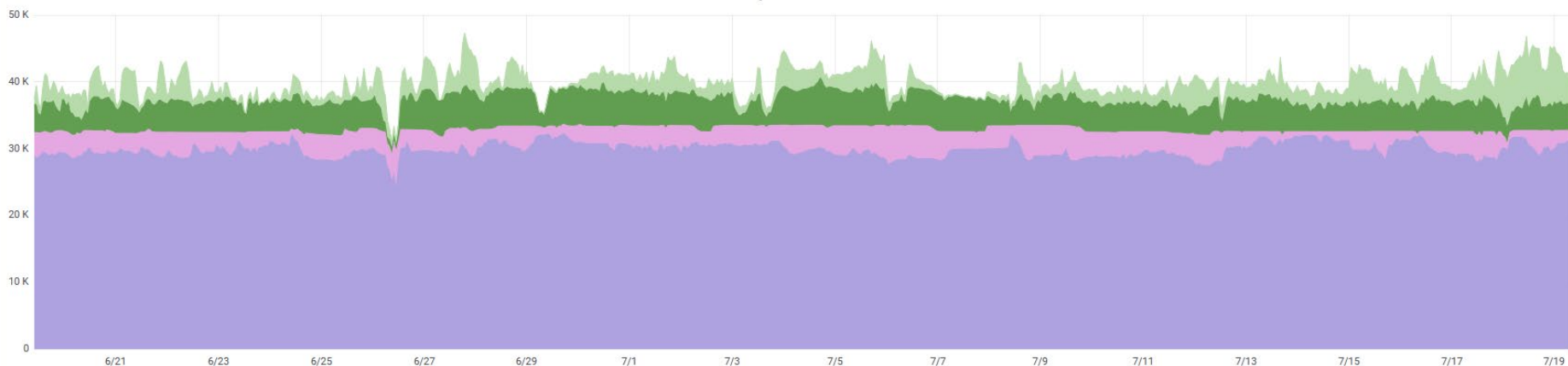
Cloud jobs efficiency

N/A%

Bari jobs efficiency



Total jobs flow over time



Grid Running

Local Running

Grid Pending

Local Pending

	max	avg	current
Grid Running	32.3 K	29.9 K	30.9 K
Local Running	5.7 K	3.0 K	1.9 K
Grid Pending	7.1 K	4.5 K	4.0 K
Local Pending	9.1 K	2.5 K	4.5 K

# Computing resources

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- Farm power: approx. 410 KHS06
  - 35.000 slot, 850 host
  - 40 user groups, 24 VO, 25 local
- Tenders in production: 2016, 2017, Cineca, ReCaS, 2014, 2015
  - Production farm is getting old
- 2019 tender should replace 37.352 HS06
  - Cineca vs tender to be sorted out

# Resource Usage

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- All experiments are at pledge
- Overpledge request from:
  - Cuore +200 job slots (until end of august)
  - Juno +1k job slots (until end of august)

# Condor in production

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- Installed 4 nodes to implement high availability of the master service
  - 2 for production, 2 for testbed
  - 3 nodes now configured for testbed, the same for production
- Planning to slowly extend the WN number during holiday

# Other info

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- Request from juno to allow access to stratum 1 server
  - Still waiting for relevant information
- Several “bad” users detected this month
  - Main issue is massive close of WNs