Belle II Computing Resources in Pisa

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Procurements in 2018

- Year X procurements should cover Belle II needs until when the Year X+1 procurements come online
    - The exact date can be different for different countries

- Assuming that new procurement are online on April 1st, then Year X procurement should cover needs until April 1st of year X+1

	2018	25 % of 2019 increment	Total
Tape (PB)	1.6	1.0	2.6
Disk (PB)	3.5	2.7	6.2
CPU (kHEPSpec06)	187	53	240

Computing Centers in Italy

- CNAF: raw data center
  - Procurements each year

- Napoli, Pisa and Torino: regional data centers
  - Procurements in only one of these sites each year

- + opportunistic use of resources in Frascati, Legnaro and Roma3
  - And potentially in other sites

- Analysis Farm(s) for n-tuple analysis. Different options:
  - Use DESY farm ?
  - One farm in Italy ?
  - Many farms in different sites in Italy ?

Resources in Italy

- Italy should provide 12% of computing resources in 2018:
  - 750 TB (450 TB for 2018 + 300 for first quarter of 2019)
  - 29 kHEPSpec06 (23 kHEPSpec06 for 2018 + 6 for first quarter of 2019)

- Currently we have:
  - at CNAF: 150 TB; 9 kHEPSpec06
  - At Napoli: 400 TB; 13 kHEPSpec06
  - At Torino: 3 kHEPSpec06

- Desired procurement of resources at Pisa for 2018:
  - 200 TB
  - 5 kHEPSpec06

- + resources for analysis farm(s) ?