## The LHC Tier-1 at PIC

## Ten years of operations

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## PIC scientific data centre

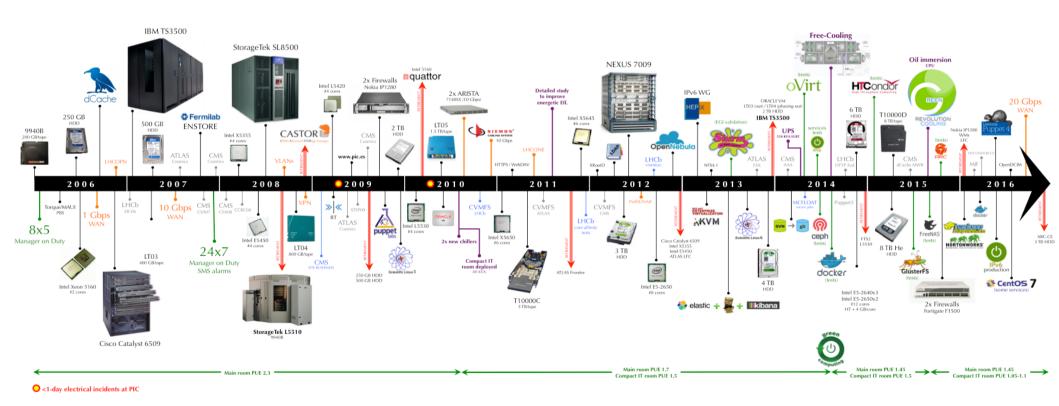
**Port d'Informació Científica (PIC)** is the largest Grid/HTC centre in Spain, supporting **research** involving **analysis of massive sets of distributed data** It provides computing services for many **applications** 

- host the Spanish WLCG Tier-1 centre → ~85% of resources
  - \* Offers 5% of Tier1 data processing for CERN's LHC detectors ATLAS, CMS and 6.5% for LHCb
- ATLAS Tier-2 and ATLAS and CMS data analysis facility
- T2K [neutrinos], MAGIC and CTA [gamma-ray astronomy], PAU and EUCLID [cosmology], VIP [instrumentation]
- Support to specific researchers with large datasets



## ISGC2017 poster

The poster presents the 10-years view of the PIC Tier-1 deployment and operations, the technologies adopted, and a view of what we can expect for the next 10 years in the WLCG context



Presented by the PIC Tier-1 Manager

Pass by for detailed explanations of the story