

Bartolomeu Rabacal (PH-AID-DA)

# Outline

#### • Pending points (previous meetings)

- QA agents
- QA online

#### Latest development status

Memory leaks

## **Pending points: QA agents**

- SSD different plots between Amore Gui and expert Gui  $\circ$  Had a debug session with new expert but more needed  $\times$
- HLT issues
  - HOMER connection problems.
- TO has to be restarted from Physics runs to technical runs
  - Running of the agent should be independent of the run conditions
  - Debug session with expert scheduled



# Pending points: QA

Instantiate the correct muon QADataMakerRec

- Next amoreQA release ✓
- QA framework:
  - Merging of the output root file *per run* ≯
  - $\circ$  output root file saved per detector  $\checkmark$
- Read the OCDB at SOR

• Enable this feature per detector. Started with MUON

- Add some general reconstruction QA for the DQM shifter (e.g. reconstruction)
- Request to access DCS data from AMORE and the other way around (TPC, SPD, DCS)

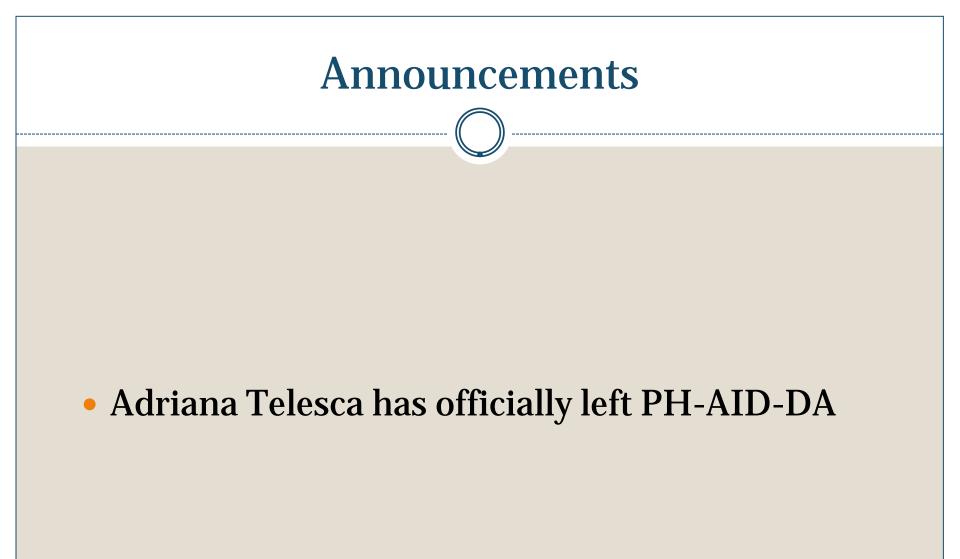
• Starting investigation

### Latest development status

- Trigger classes under testing ×
- In coordination with the offline activate and test the thresholds feature at P2
  - $\circ$  HMPID on the job  $\bigcirc$
  - Proceed to the online activation and tests X

## Memory consumption and memory leaks

- Agent's high memory consumption limited to 3 Gb
- Remaining main memory leak from the amore side caused by memory ownership from AliQACheckerBase and not a ROOT bug.
- However there are still leaks from some agents concerning AliQADataMaker::InitRaws : important for loading the OCDB at SOR
- New trigger classes features will increase memory consumption and memory leaks
- Will send new Valgrind reports to related detector teams and Savannah tickets after trigger classes release





\_\_\_\_\_