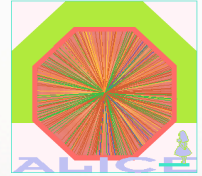


# AMORE

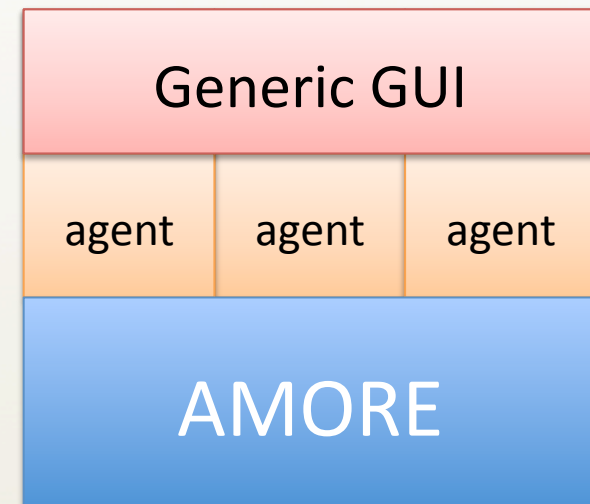
Barthélémy von Haller  
CERN PH/AID



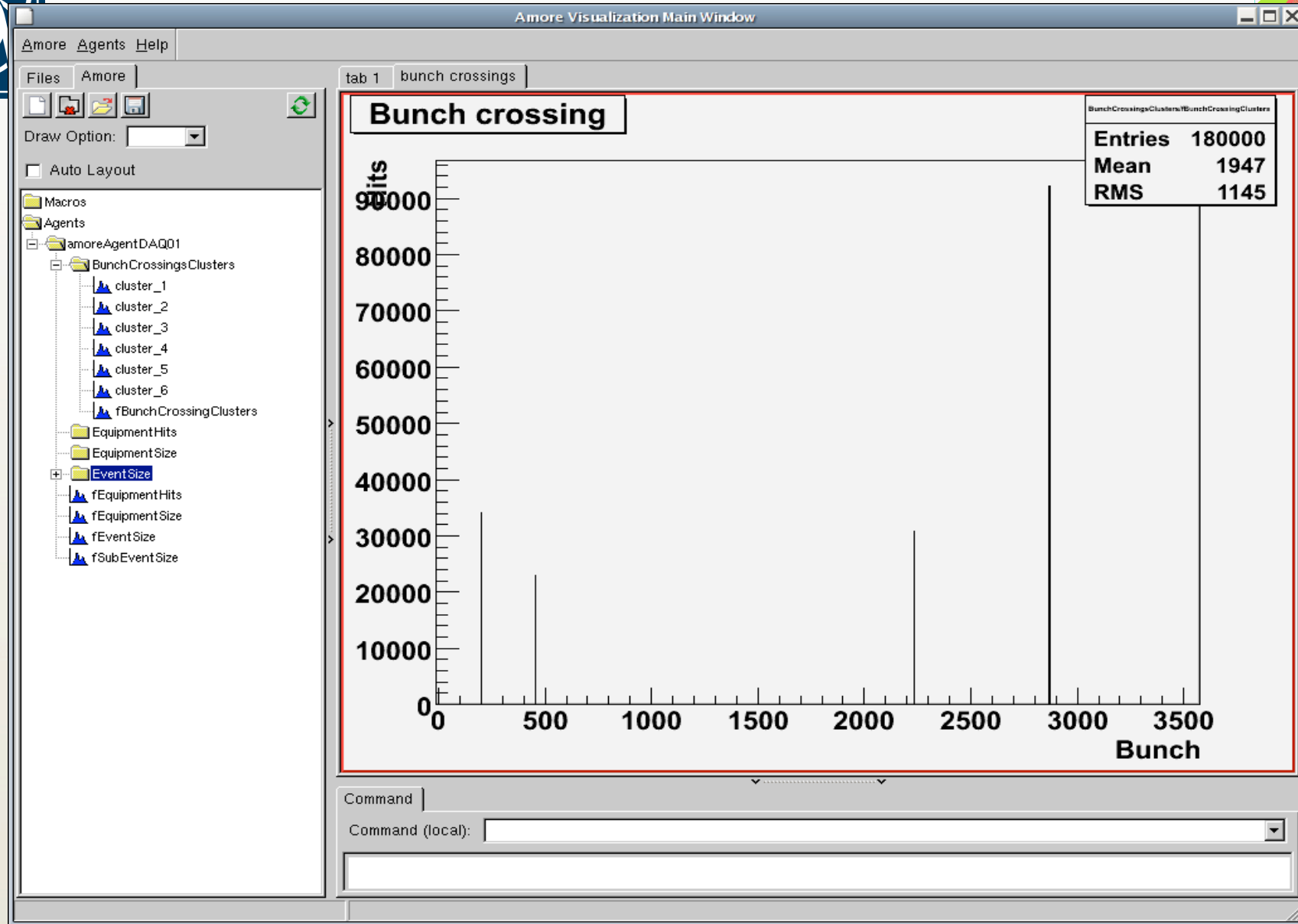
# AMORE Visualization



- A *generic* graphical user interface (GUI) usable by any detector
- In addition to the specific UI implemented by the detectors
- Inspired and partially based on EVE

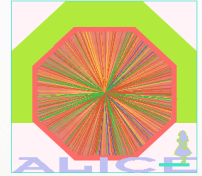


# The GUI – Overview

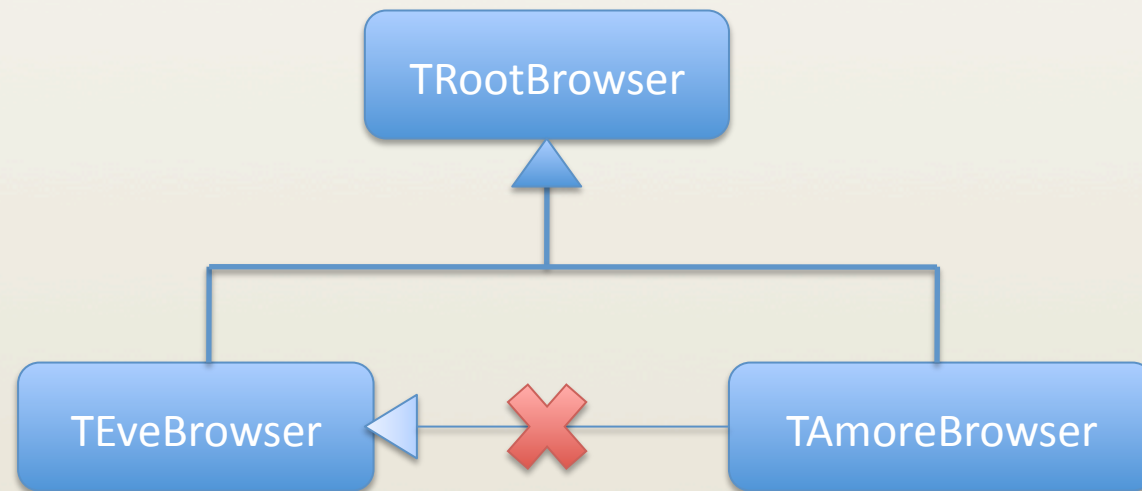




# Relationship with Eve ?

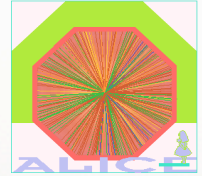


- Same Look and Feel, same user experience
- BUT it is not a child of Eve, just a sibling
- Both uses the ROOT class TRootBrowser (plugins!)





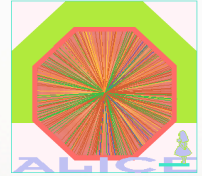
# Generic Gui news



- Used successfully in production when preparing the 1<sup>st</sup> beam, and on a daily basis by some detectors.
- Still, some improvements :
  - Preferences : update all tabs or not, default layout to load at startup
  - Zoom re-applying, bug fixes...
- Any comment, feature request, remark about the Generic Gui ?



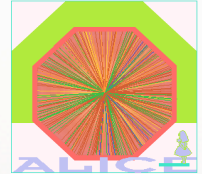
# AMORE : status & misc



- AMORE is used in production by several detectors, the trigger and the DAQ
- Moved AMORE to SVN (aka the SVN saga).
- Centralize the modules code as well
  - share experience amongst detectors, simpler release procedure
  - Not yet entirely ready



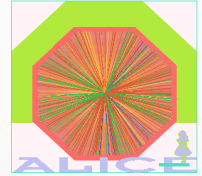
# AMORE & QA : status



- A generic agent amoreQA is available : Depending on the name of the agent, it loads and uses the related XXXQADataMakerRec in libXXXRec.so
- QA used directly by some detectors in their AMORE agents



# AMORE & QA : plans

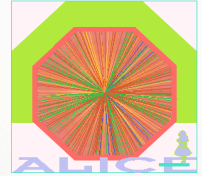


- Use case proposed by Yves : shifter identifies a problem, calls the expert who, unfortunately, is far from P2. The expert wants to check the QA output (*expert* plots included), even though the run might have already ended and he doesn't want to run again the QA.
- How to handle this ?





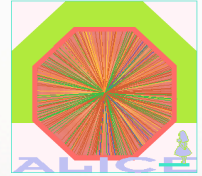
# AMORE & QA : plans



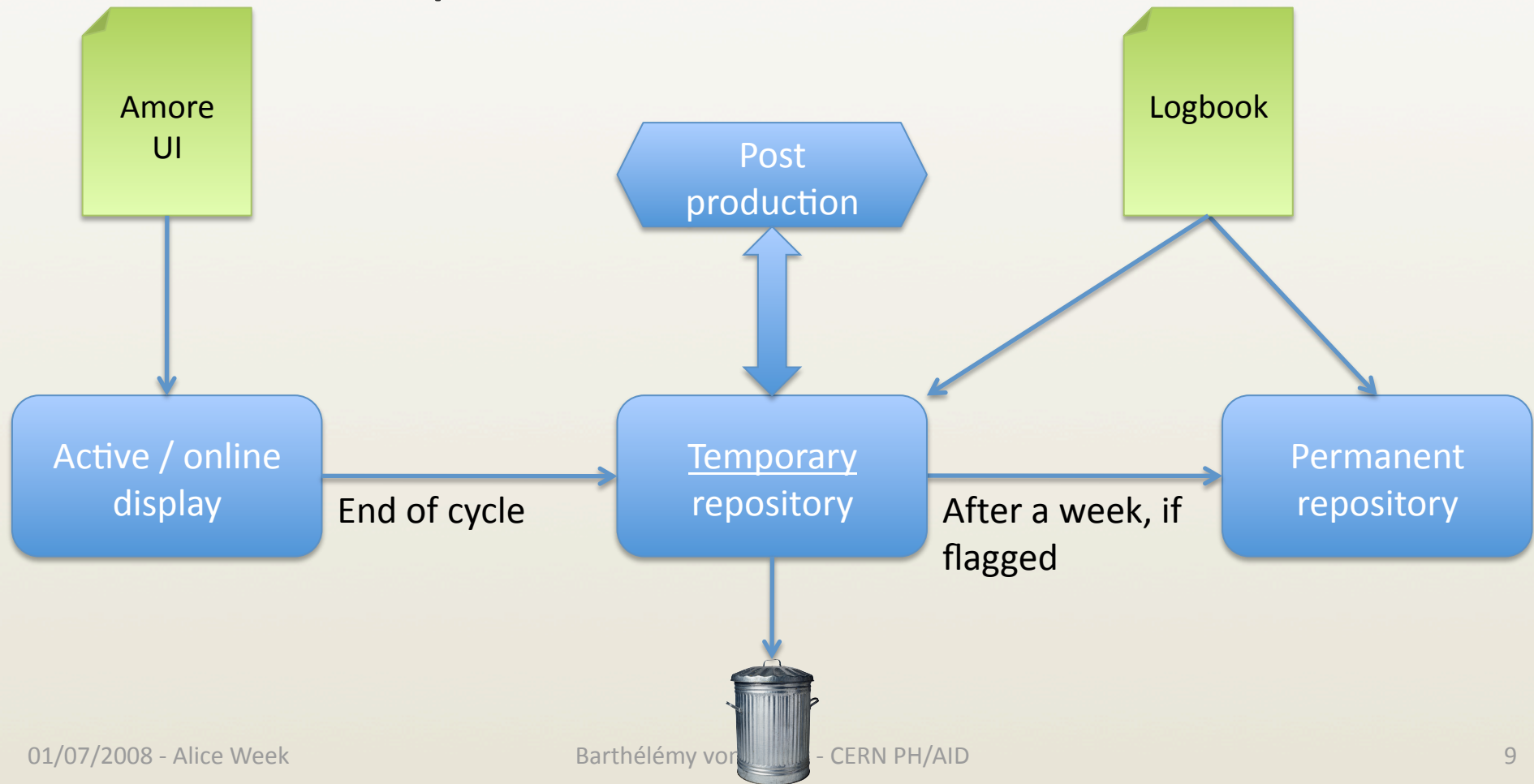
- Needs :
  - A. Access to QA output (or any data produced online) after the run stops.
  - B. Moreover **remote** access to QA output (during and after the run).
  - C. Help the shifter to identify problems



# AMORE & QA : plans

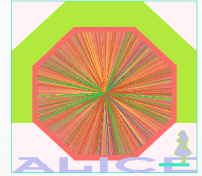


- Solution for problems A and B

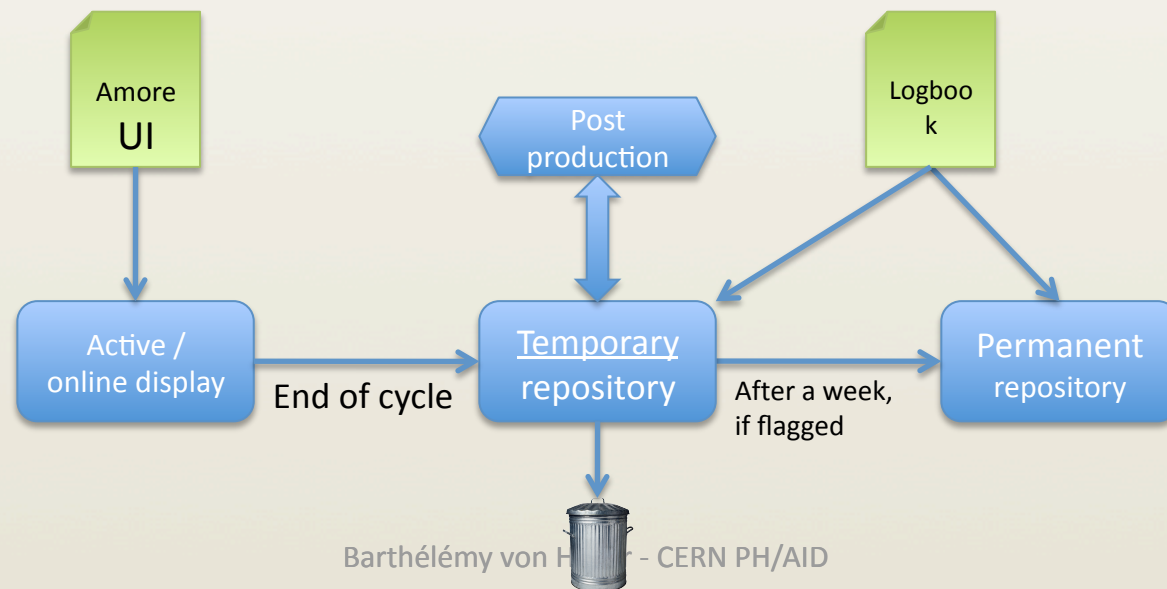




# AMORE & QA : plans

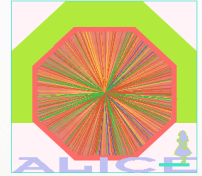


- This is a big change as we start keeping and storing data produced online !
- Implementation through the existing design (amore database, post production agent)





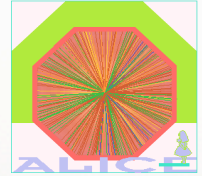
# AMORE & QA : plans



- Solution to problem C (how the shifter can identify problems) :
  - Plots should appear in a different colour if they are showing unacceptable/incorrect data
  - Work to be done in aliroot/qa (flag per detector, per plot ? granularity ?)
  - Work to be done in AMORE to take this into account
  - Show the limits of the acceptable values



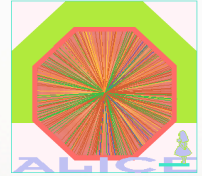
# AMORE : documentation



- Reminder : sources of information
  - mailing list (announcements) :  
`<alice-dqm-contact@cern.ch>`
  - website (resources) :  
<http://ph-dep-aid.web.cern.ch/ph-dep-aid/amore/>
  - Wiki (documentation) :  
<https://alice-logbook.cern.ch/wiki/>



# Questions - Feedback



- Questions ?
- Feedback ?
- Feature request ?
- Remarks ?