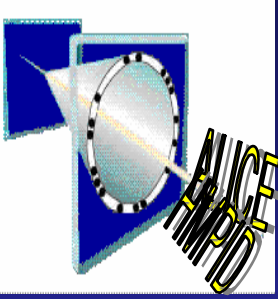
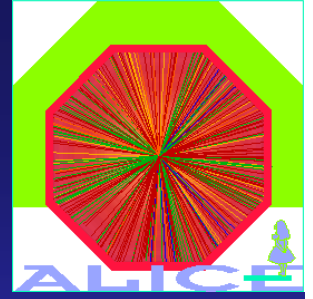


RICH raw data status

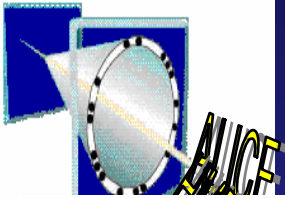
K. Shileev
INFN-Bari (Italy)
Alice-HMPID



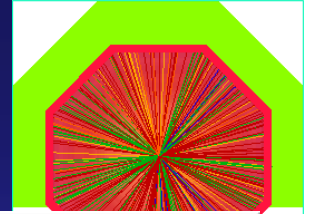
Commissioning timetable



- Test beam - last finished in 2005 (P.Martinengo)
- Cosmics - finished in June 06
- Calibration- not yet defined (when connected)



DDL-position mapping -OK



DDL ID 1548 Chamber 6 DDL ID 1549

DDL ID 1546 Chamber 5 DDL ID 1547

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DDL ID 1544 Chamber 4 DDL ID 1545

DDL ID 1542 Chamber 3 DDL ID 1543

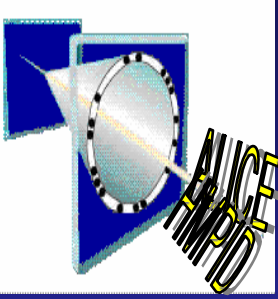
DDL ID 1540 Chamber 2 DDL ID 1541

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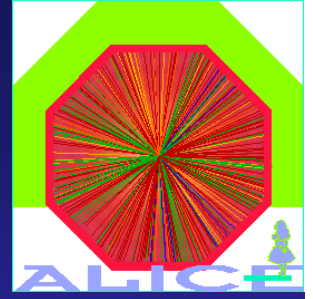
DDL ID 1538 Chamber 1 DDL ID 1539

DDL ID 1536 Chamber 0 DDL ID 1537

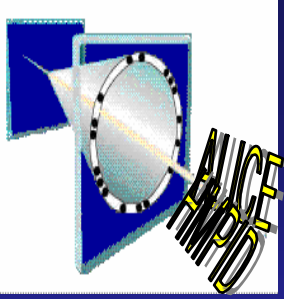




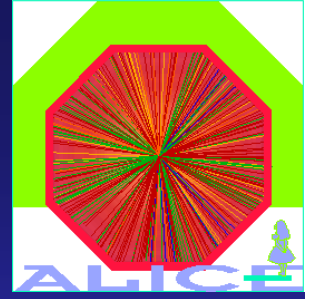
Internal mapping



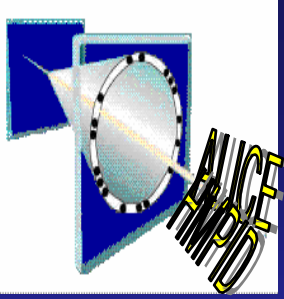
- PhotoCathodes (PC) – OK
- DILOGIC address map - OK
- DILOGIC Control Word (CW)?
 - In cosmics and testbeam the CW was in



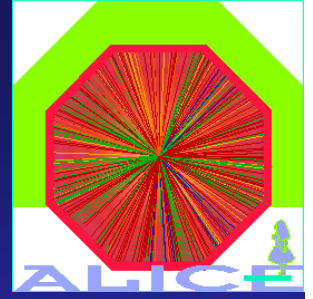
Raw reconstruction



- The “chain” is operational
- Modifications for “real” data not expected (just CW could be modified)
- Preprocessing not needed
- Test with real DAQ is needed
- Pedestal files are needed (see CDB pres.)

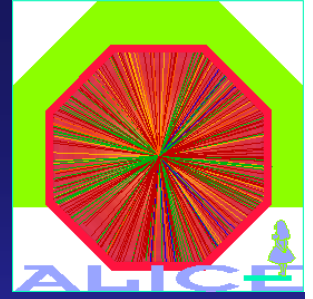
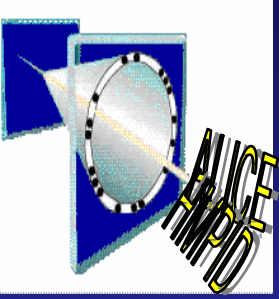


Dependence on gAlice

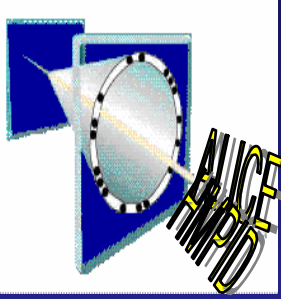


- Currently RICH depends on it
- 7 lists of clusters (1 per chamber)
- Needs to duplicate a part of MakeBranch() ?

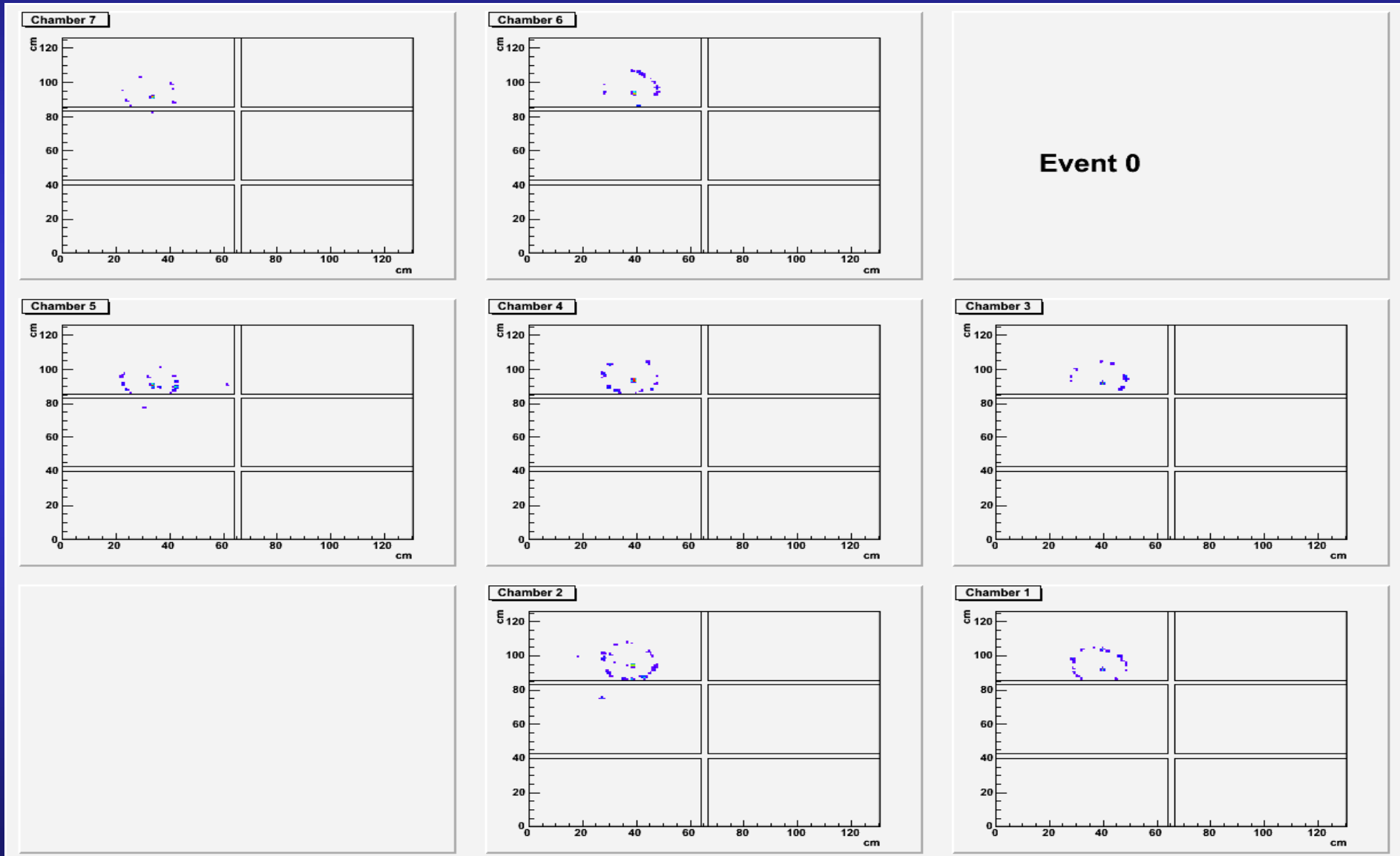
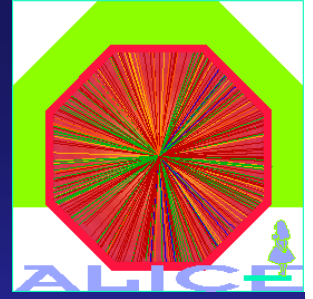
Raw simulation

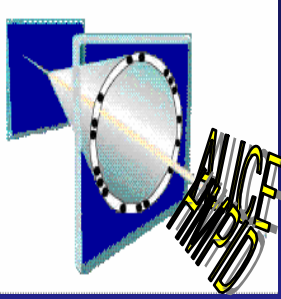


- OK with actual mapping

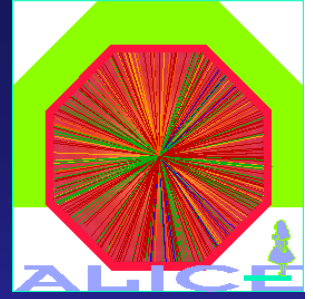


Raw event display





Raw2SDigits()



- Useful tool to merge a simulated signal on top of real bkg events
- Already implemented in the code