# From SHUTTLE to Reconstruction
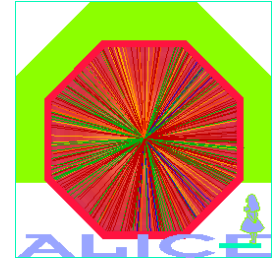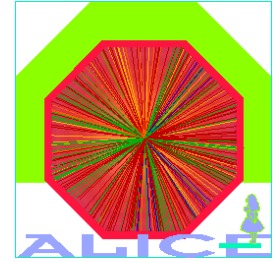
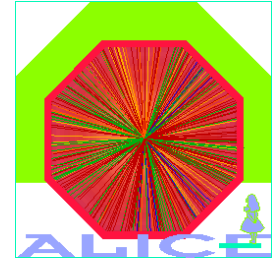<span style="color:blue">Alberto, Jan Fiete</span>

<span style="color:red">CERN, October 12, 2007</span>

# Reconstruction tests

- **Important step toward the Full Dress Rehearsal**

- **In this test OCDB data provided by SHUTTLE was used to reconstruct simulated data (digits)**
  - ➔ Data not yet provided by SHUTTLE was taken from the static OCDB In $ALICE_ROOT
    - — N.B.: only files produced by the Shuttle will be used in the FDR reconstruction!
  - ➔ In order to declare the test passed:
    - — the reconstruction job must have finished without errors
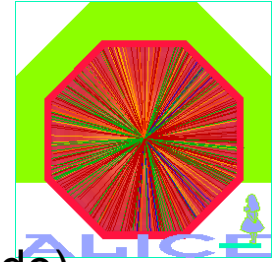    - — the parameters must have been really used by the code

# Reconstruction test results

- Results published on the SHUTTLE pages:

http://aliceinfo.cern.ch/Offline/Activities/Shuttle/SHUTTLEtoReconstruction.html

# Conclusions – Detector status

- **Quite OK** (All parameters in the detector requirement table generated/analysed by shuttle and used in the detector code)
  - ➜ EMCAL
  - ➜ PHOS emc
  - ➜ PMD
  - ➜ TOF
  - ➜ ZDC (but reco test **failed**!)
  - ➜ MUON tracker
  - ➜ TRD

- **Advanced state** (most parameters in the requirement table generated/analysed by shuttle and used in the detector code)
  - ➜ HMPID
  - ➜ SPD (Preprocessor ok, but bad channel maps not used in reco!)
  - ➜ SDD

- **Most wanted**
  - ➜ FMD (Offline code OK, preprocessor missing!)
  - ➜ MUON trigger (Offline code OK, preprocessor missing!)
  - ➜ SSD
  - ➜ TPC (In steady progress)
  - ➜ T0 (Preprocessor still at prototype stage)
  - ➜ VZERO (Preprocessor ok, calibration not used in reco!)