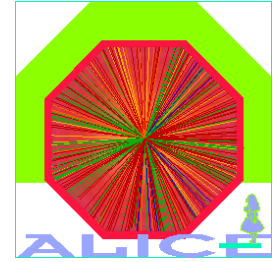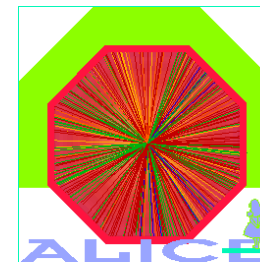# Shuttle operation during December comissioning

Alberto Colla

CERN, November 29, 2007

FDR Weekly Meeting

Shuttle configuration for FDR

- SHUTTLE configuration on LDAP on pcalishuttle01 (aka "the SHUTTLE machine")
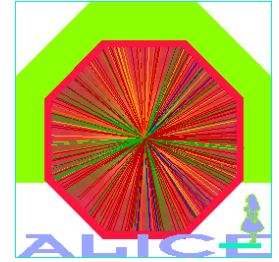
  → Two configuration sets defined:

Setup	Production	Test
Base dn	o=shuttle_prod,dc=cern,dc=ch	o=shuttle,dc=cern,dc=ch

  → Run mode selection in the startup macro Shuttle.C:

```
AliShuttleConfig config("pcalishuttle01",389, "",
                        "o=shuttle_prod,dc=cern,dc=ch");
```
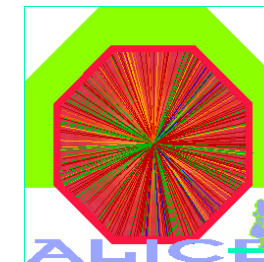
Cofiguration settings

- **Global configuration**
  - ➜ ECS MySql Logbook host, DB & tables names
  - ➜ MonaLisa settings (host + table)
  - ➜ Preprocessor control settings (Timeout, max retries …)

- **DAQ, DCS, HLT File eXchange Servers settings**
  - ➜ FXS host settings
  - ➜ FXS MySQL DB settings

- **Detector Preprocessor settings**
  - ➜ Responsible's email address
  - ➜ DCS Archive's AMANDA host settings
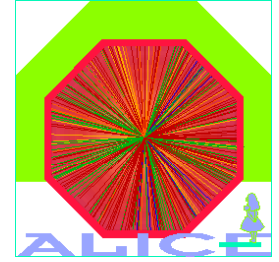 - ➜ List of DCS Data Points / aliases

Test vs Production settings

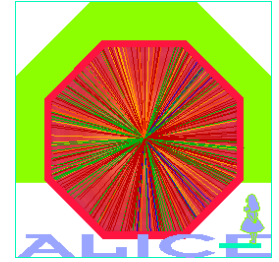| Setup	Production	Test
Base dn	o=shuttle_prod,dc=cern,dc=ch	o=shuttle,dc=cern,dc=ch
Logbook	Server at P2 (DAQ network) DB filled by ECS (SHUTTLE hasread-only access)	Server at P2 (DAQ network) DB filled by SHUTTLE (SHUTTLE has read-write)
DAQ FXS	Set at P2 (DAQ network) Filled by DAs (ro access)	Set at P2 (DAQ network) Filled by SHUTTLE (rw access)
DCS FXS	Set at P2 (DCS network) Filled by DAs (ro access)	Set in DCS lab Filled by SHUTTLE (rw access)
HLT FXS	**Still not defined**	Set in HLT network Filled by SHUTTLE (rw access)
DCS archive	Oracle DB at P2 Filled by detectors	Oracle DB in DCS lab Filled by simulated data

Production setup status

- **SHUTTLE side**
  - ➔ Production MonaLisa monitoring page **still to be set up**

- **DAQ logbook & FXS**
  - ➔ Connection tested
  - ➔ **Waiting for ECS trigger!**

- **DCS FXS & Archive**
  - ➔ Will be tested tomorrow when power comes back ☺

Production setup status (cont.)

- **DETECTORS side**
  - ➔ DA
    - — No DAs already integrated in the DAQ DA framework!
  - ➔ DCS
    - — Most of the required aliases are still missing in the DB!
    - — Feedbacks received from TOF, HMPID, ZDC
    - — TOF and HMPID will run with a reduced setup (only DCS archive retrieval, analysis and storage)