Agenda

- News
- Round table: user complains / suggestions
- d0ve:
  - News and plans (including CR display)
  - Readiness for gcc
- d0scan:
  - News and plans
  - Conversion to iguana v3 and oiv v3
  - Readiness for gcc

News

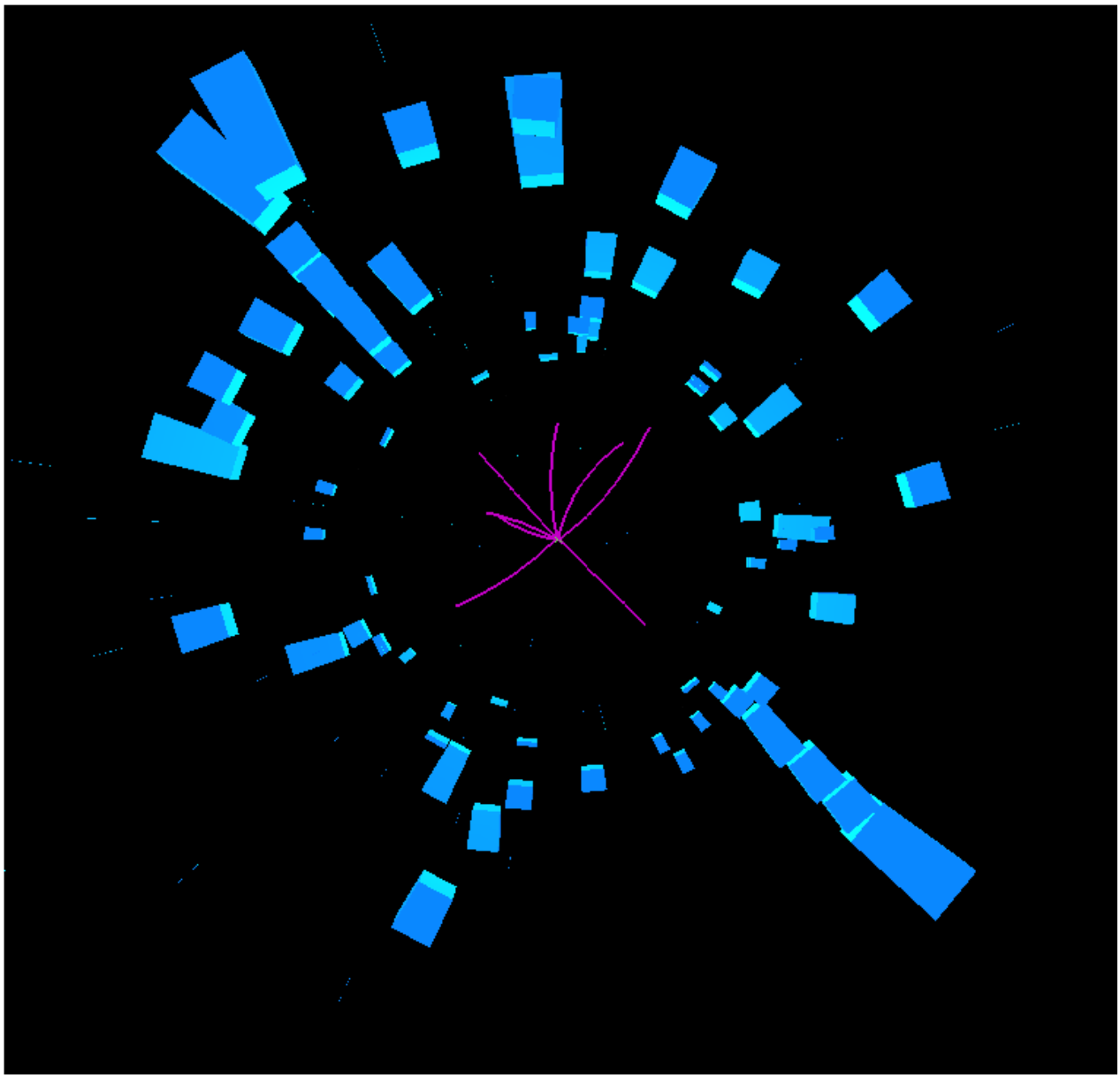
- Tutorial session well attended: ~ 80 people attended and ~30 people asked to be on the mailing list
- Mailing list:
  - Should have it archived
  - Need to post regularly updates, at least for each release of the code
  - Known bugs should be made public and bug fix for major bugs (e.g. crash) anounced
- We should maintain lists of known problems and plans for new features

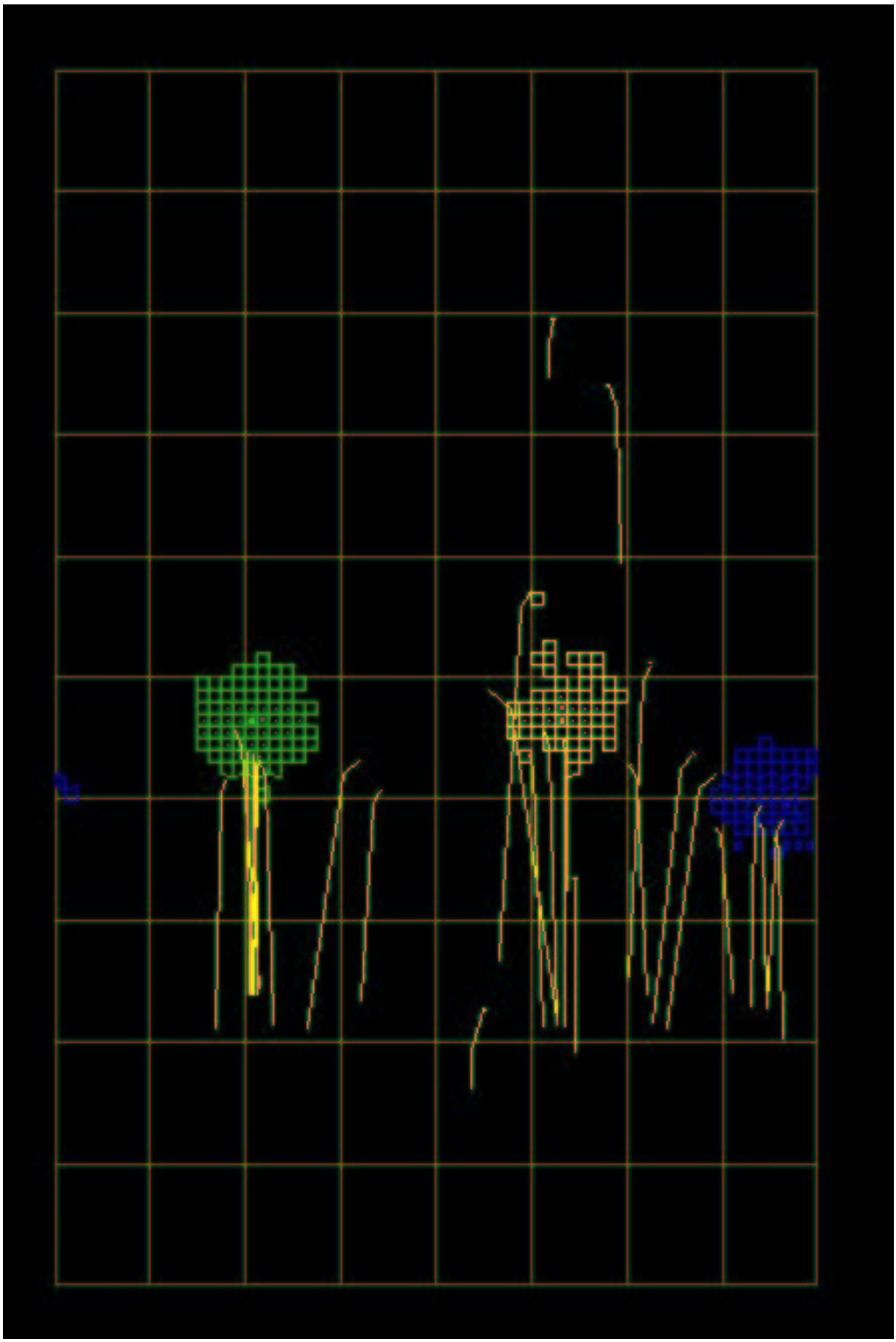
Muons

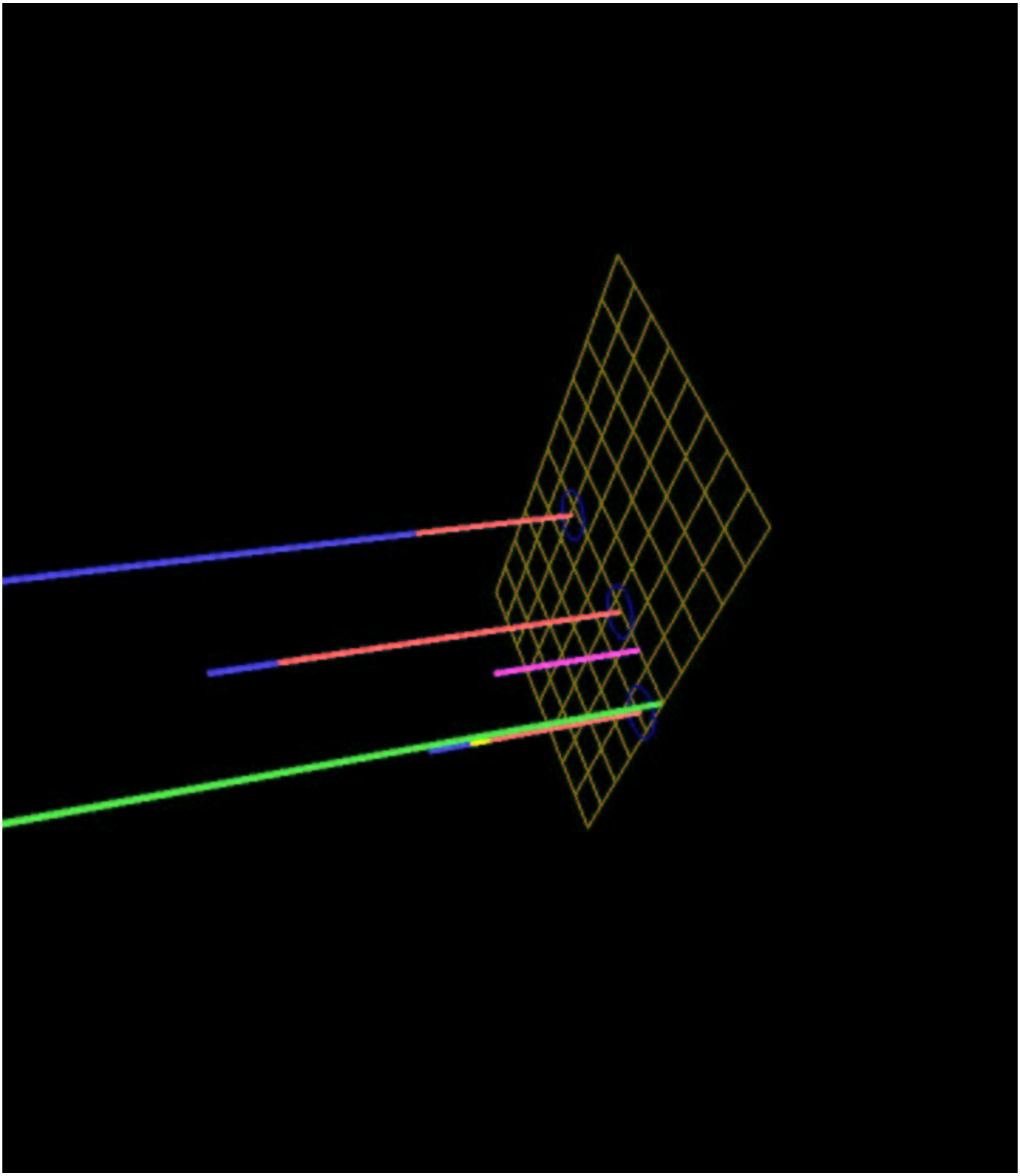
- First round table in the muon id group. The suggestions are:
  - XY and RZ as in d0ve, XZ and YZ (bending view)
  - Muon hits (SimXXXHitChunk XXX=PDT,MDT,MSC)
  - Use Muon::TrackChunk instead of MuoTrackChunk
  - Click on a track, move camera to DCA and aim along the track to see track - calo and track - muon association
  - Select an object and print all within DeltaR ?
  - Tracks displayed on calo lego ?

New in d0scan since OK wkp

- Infrastructure work for iguana v3
- Slider to select cal tower/cell energy threshold in 3D view
- Single window for info printout
- First shot at XY and YZ views
- (eta,phi) and Physics Lego views
- Many bug fixes







Bugs in d0scan

- Printing does not work in 2D viewer
- .igsave.xml file saved when entering in d0scan_qt so that it can be restored if the program crashes.
- 2D text does not show on Linux
  - Can alleviate the problem: default font shows instead of symbol by doing
  - setenv OIV_PSFONT_PATH $OIVHOME/data/fonts:/usr/lib/X11/fonts/75dpi

To do list 1 / 2

- Switch to oiv v3
- Switch to iguana v3
- Check with thumbnail
- Run Time Environment: allows to distribute display as tar file
- Display triggers that fired
- Display track residuals
- Display chunks from reprocessing
- Select hits and refit track
- User quality criteria for physics objects
- Dynamic menu entries from event content: L3 tools selection ?

To do list 2 / 2

- Eflow particles and jets: 3D (lego ?)
- Eta-phi view
  - L1 CAL trigger towers
  - L2 CAL jets
  - Convert to new oiv nodes
  - Alternative representation: E coded as intensity
- Physics lego:
  - Automatic scaling for Z axis
  - Offline taus
  - Label b jets