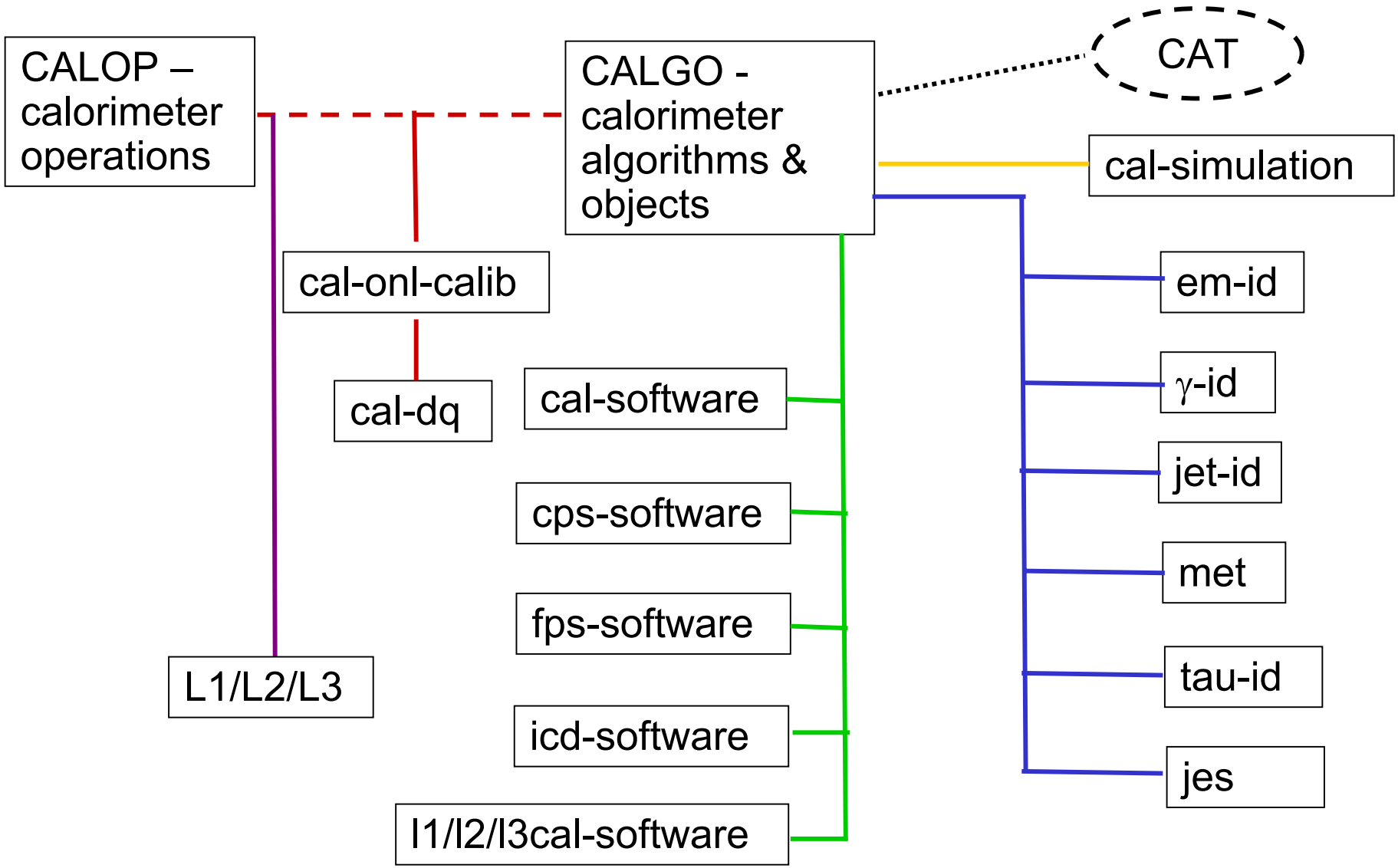
Calgo: activities & structure



Calgo: Questions

1) minimize duplication and improve productivity:

- reduce number of meetings
- minimize number of subgroups
- organization in terms of
  algorithm - projects with project-leaders
  software and certification principals
- improve software documentation
- weekly DQ-report

2) get people to work on low-level tasks

…

3) improve trigger and RECO verification

- develop certification packages where necessary
- keep and extend certification documentation

4) encourage cooperation and collaboration

:)

Calgo: meeting structure

CALGO - meetings: weekly Tuesday 10:30-12:30 (Calorimeter Meeting)

subgroup meetings:

jes: bi-weekly Wednesday 9:00-10:30

tau-id: bi-weekly Thursday 12:30-14:00

“open” subgroup working meeting: bi-weekly Wednesday 9:00-10:30

steering: bi-weekly Tuesday 12:30-13:30 (CryptoCat)

Calorimeter operations: Thursday 9:00-10:30 ?

Calgo: main packages

cal software:
calunpdata
caltables
cal_nlc
cal_corr_dst

cal dq:
cal_elec
cal_examine
l1cal_examine
dq_calo

cal online calib:
l3fCalCalibTool
cal_calibration_db_server
cal_calibration_db
cal_calibration

- **cps/fps software**
- **L3**

em-id:
emreco
emutil
hmatrix
emcert

jet-id:
jetreco
kt_jets

met:
missingEt
cal_t42
cal_nada

eflow:
cellNN
eflow

jes:
jetcorr

tau-id:
taureco

Calgo: tasks

calo_software:
- implement db access
- dq correction package
- unpacking
- data content

calo_dq:
- unify dq_cal + examines?
- bad channel management

cal_online_calibration:
- speed up calibration proc.
- pulser-validation
- gain correction extraction

calo_simulation:
- em-shower/jet shapes
- resolutions
- cracks?
- dead material?

cps/fps:
- integration
- **L1/L2/L3**

em-id:
- H-matrix/shower shapes?
- calibration/linearity/resolution
- CellNN/clustering
- track/PS/CAL-match/alignment
- likelihood

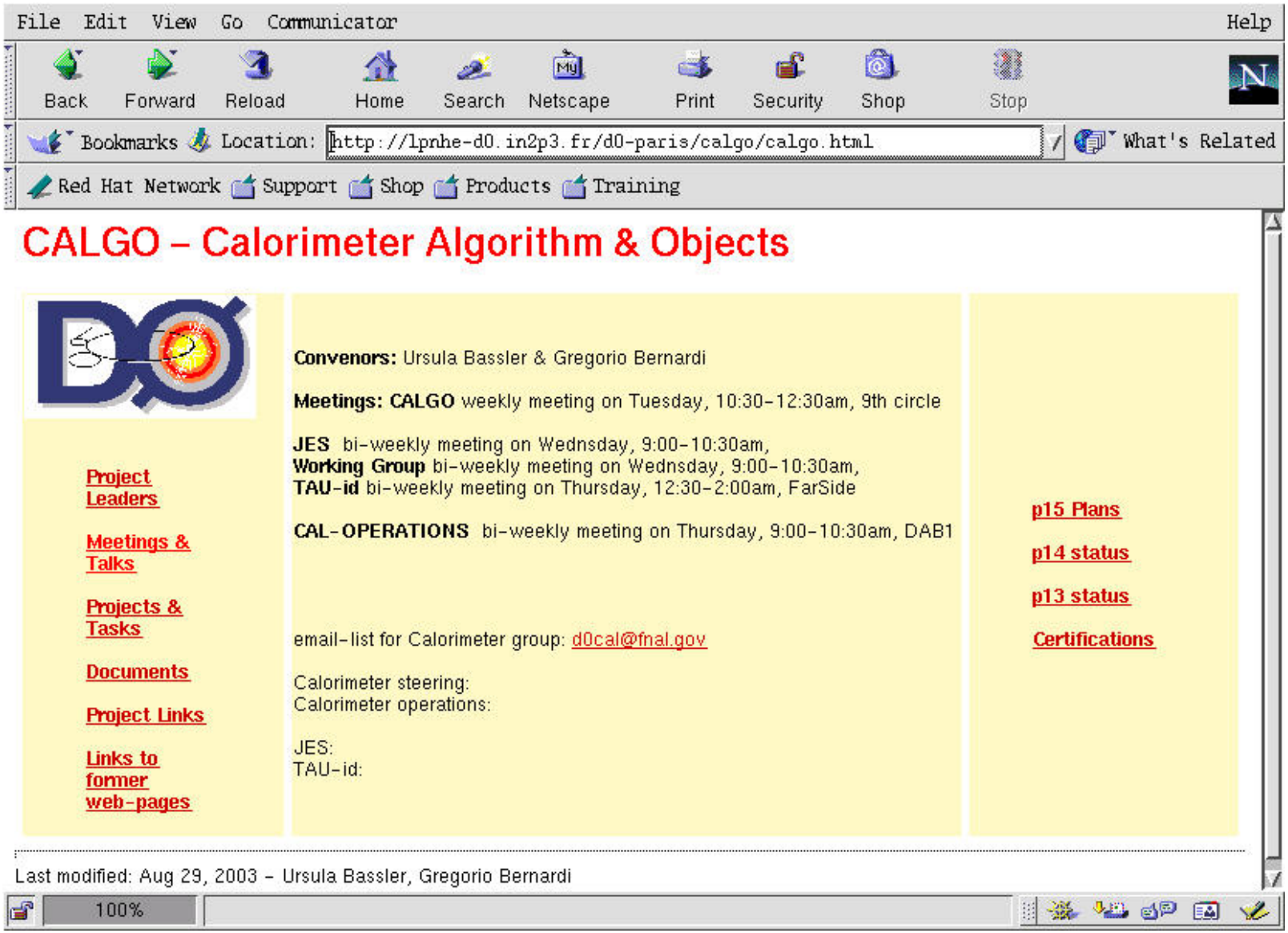
photon-id:
- algorithms using PS

jet-id:
- estimators tuning
- fake jets/merging splitting issues
- ICR jets / track jets
- lowering jet energy threshold

met:
- treatment of non reconstructed jets/ overall correction strategy
- met resolution in QCD events
- treatment of unclustered energy in QCD and EW events

- **eflow**
- **jes**
- **tau-id**

Calgo: new web-page



Calgo: next steps

- **further precisions and fine tuning in task list**
- **discussions with possible project-leaders**
- **meeting with Cal-Operations**
- **calorimeter software package review**
- **start new Calorimeter meetings in week of September 22nd**
- **preparation of calorimeter workshop October 6/7th**