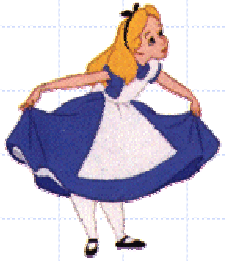
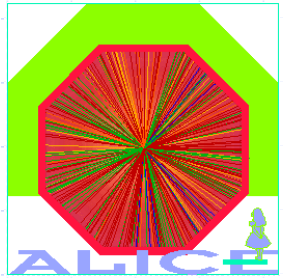


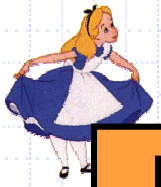


Alice Week Offline Day

F.Carminati

June 17, 2002

The LHC Computing Grid Project Structure



Project Overview Board

Chair: CERN Director for Scientific Computing
Secretary: IT Division Leader

Membership:

Project Execution Board

Chair: Project Leader

Project Management Team:
Chief Architect
Area Coordinators (4-6)
Resource Coordinator

Other members:
Liaison from each LHC Experiment
Liaisons to other HEP Grid projects
Work Package Managers

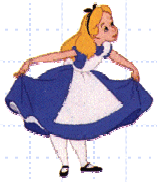
Committee (SC2)

ann, FNAL

:

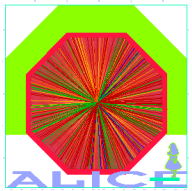
HC experiment
N EP Division
region represented in the POB
Technology Division
er

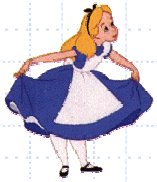
son



LCG progress

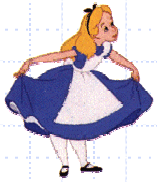
- ALICE representatives
  - SC2: F.Carminati, W.Carena
  - PEB: A.Masoni
- SC2 page
- RTAGs finished
  - Process: chair F.Rademakers (ALICE)
  - Persistency: chair D.Malone (ATLAS), ROOT streaming chosen (!)
  - Math libs: chair F.James (CERN/EP), evaluation of GSL and NAG proposed
  - Common GRID use cases: chair F.Carminati (ALICE)
  - MSS: chair W.Carena (ALICE)
  - Regional centres: chair M.Kunze (Karlsruhe)





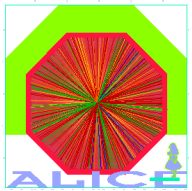
LCG progress

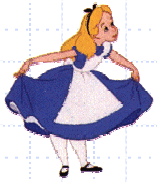
- RTAGs in progress
  - Detector Database Description: chair L.Silvestris (CMS)
  - Architecture blueprint: chair T.Wenaus
  - Event generators: proposed
  - Simulation: proposed
- Regular architects' meetings held



ROOT support

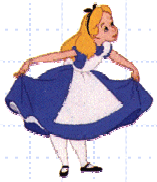
- Officially part of LCG
- A group of 3-4 people should join Rene soon





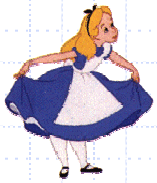
Simulation status

- GEANT4 HEPURC
  - Still not launched
- FLUKA support at CERN
  - Good progress



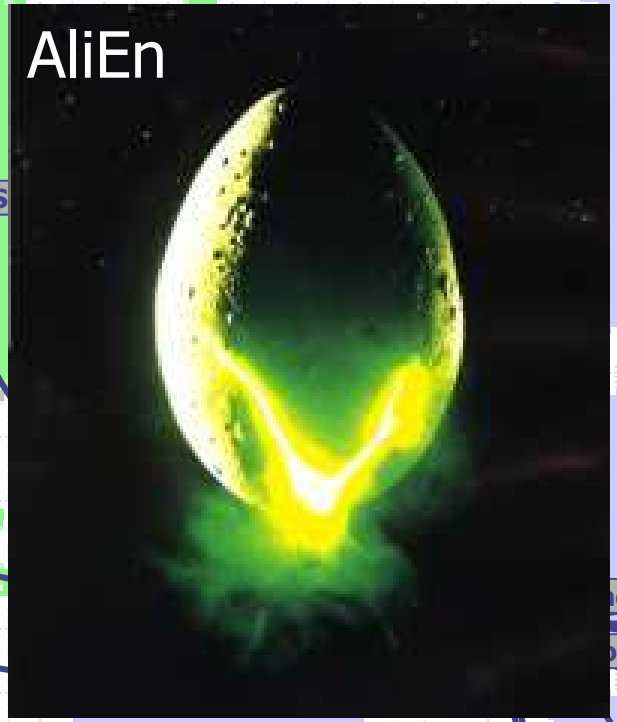
GRID project evolution

- DataGRID testbed
  - Working toward “stable” 1.2 version
- GGF4, OGSA
- HICB, HIJTB, GLUE



ALICE GRID resources

http://www.to.infn.it/activities/experiments/alice-grid



LBL/NERSC

OSU/OS

Merida

Dubna

IRB

Bari

Cagliari

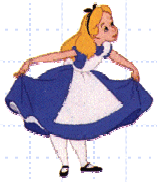
Catania

Yerevan

Kolkata, India

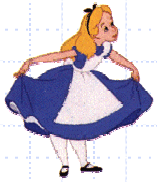
Capetown, ZA

37 people
21 insitutions

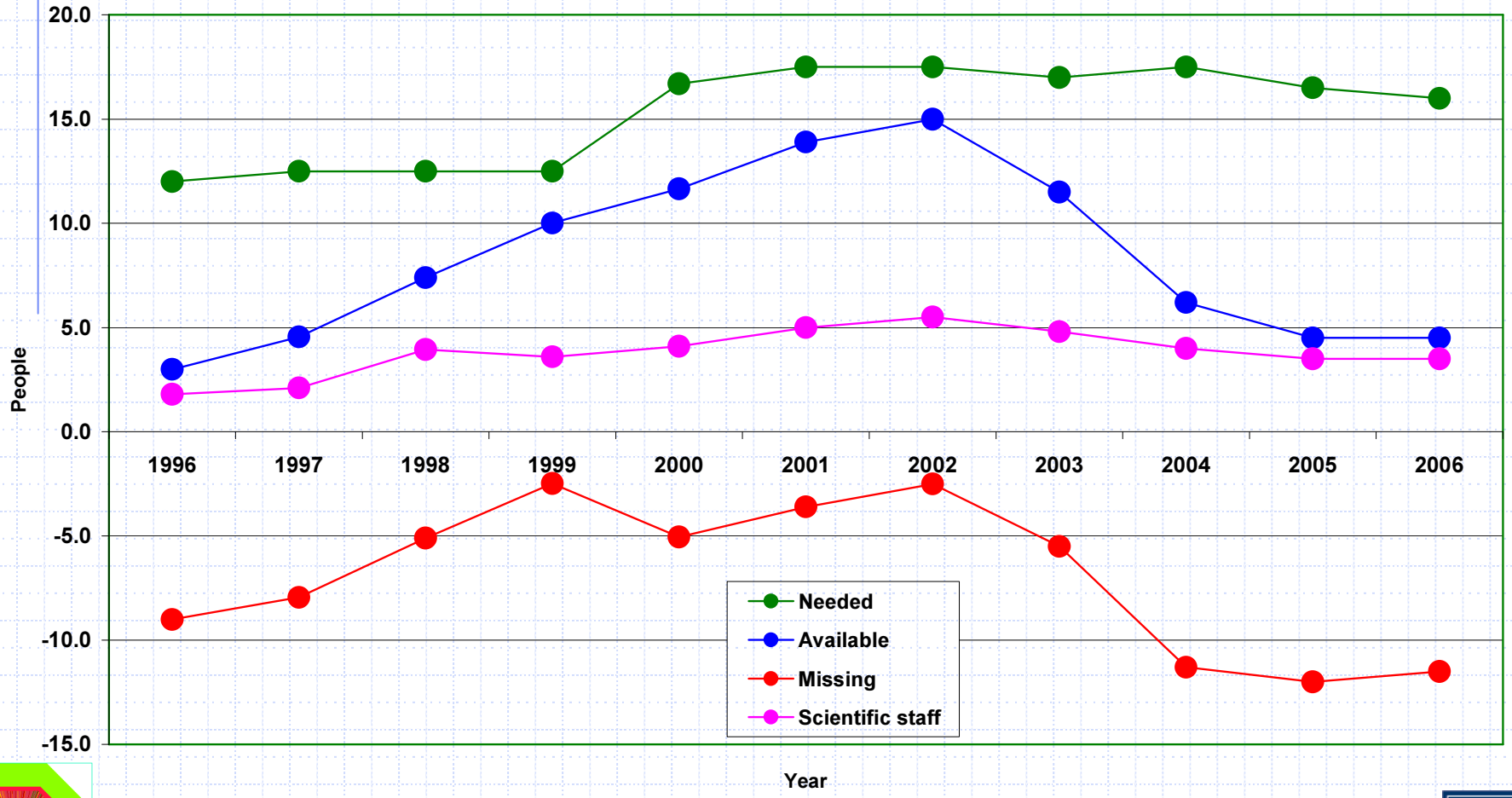


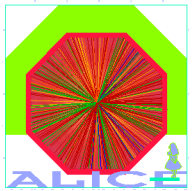
Offline Week

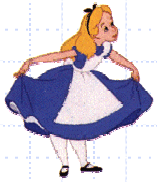
- Working week
  - Quite a lot of ground covered in digitisation and reconstruction



People profile







Core Offline Team

- CERN financial situation is very serious
- Quotas for personnel (PJAS, FELL…) are reducing
- Staffing of the core team may become critical
- The collaborating institutions may have to help with core offline
  - Keeping people at CERN
  - Providing people at their site to
- A proposal will be presented to the MB this week