Plans for Tier 1 and Tier 2 centres in Switzerland

P. Bartalini

OUTLINE

- Computing at swiss institutes
  - Lausanne
  - Zurich
  - connectivity
- Swiss-GRID working group
  - Annual forum of Swiss-HEP
  - CERN meetings

Computing at swiss institutes

- Lausanne University & IPHE

  - Digital server 4100 466Mhz with 1 Go RAM, 2Go Swap, 100 Go disk space, OSF

  - Short term upgrade plans: DS20, ES40, possible migration to Linux

  - Difficulties to make long term plans

    $\longrightarrow$ funding

    $\longrightarrow$ support from "centre informatique de l'université de Lausanne" and collaboration with IPHE

- Zurich University

  - 36 Linux machines 233 $\div$ 400 MHz with 80 Go disk space

  - Short term upgrade plans: coherent evolution of the cluster

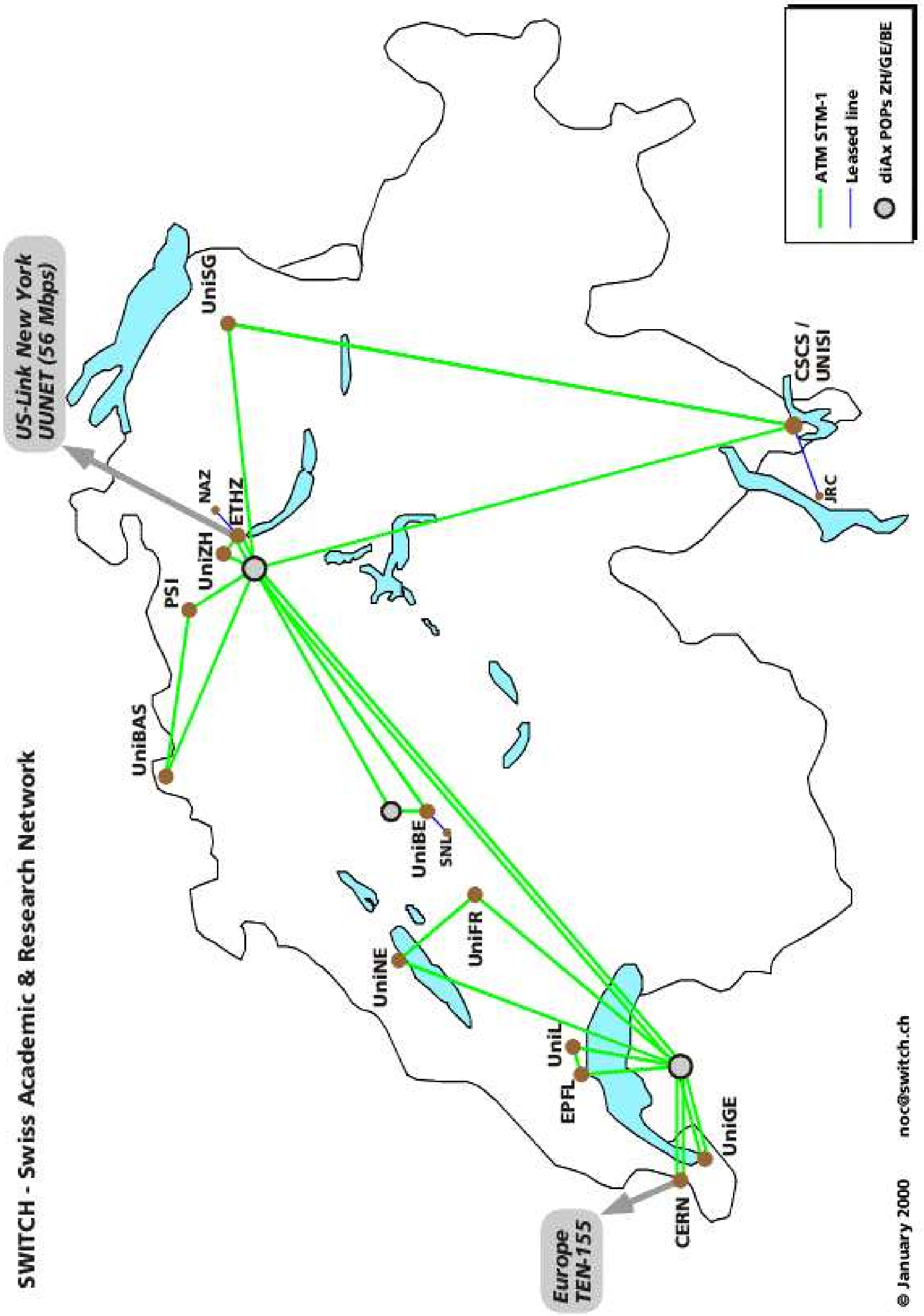
  - Difficulties to make long term plans

    $\longrightarrow$ funding

- Agreement on LHCb computing model document

- Ongoing analyses: rare B decays, light higgs, $B_s \longrightarrow D_s\pi$

The Swiss Academic and Research Network



Swiss-GRID working group

- Representatives (hired at the annual forum of swiss HEP)

  - C.Amsler (Forum), P.Bartalini (LHCb), H.P. Beck and A.Clark (ATLAS), C.Grab (HepCCC-HTASC), Danek Kotlinski (CMS) and others...

- first CERN meeting (held on june 16)

  - General agreement to have a common regional center (Tier 1 / Tier 2) dedicated to all the swiss institutes

  - To which extent and under which conditions CERN can play the role of Tier 1 for Switzerland ? (currently being investigated)

  - Expression of interest of K.M. Decker, managing director of "Swiss Center for Scientific Computing" (Manno, Ticino). http://www.cscs.ch/

- second CERN meeting (to be held on July 18)

  - Report on EU-GRID activities (F.Gagliardi)

  - Discussion on the possible involvement of swiss institutes in the GRID project