

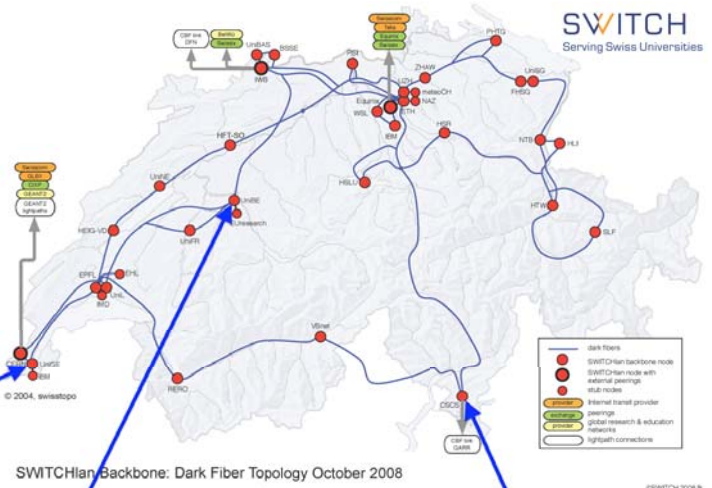
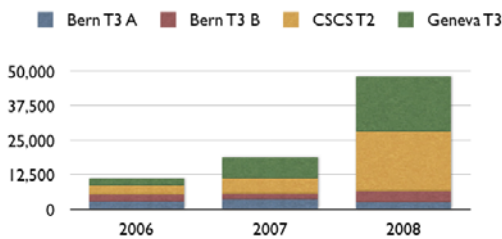
Swiss ATLAS Grid

Sigve Haug, Cyril Topfel, Eric Cogneras, LHEP, University of Berne

Fotis Georgatos, Peter Kunszt, Sergio Maffioletti, Riccardo Murri, CSCS, Swiss National Supercomputing Centre

Szymon Gadomski, DPNC, University of Geneva

Wall time days on the Swiss ATLAS Grid



University of Geneva Tier-3

- 188 CPU cores, 150 TB
- direct line to CERN at 10 Gb/s
- grid site since 2005
 - NorduGrid
 - gsiftp storage element
 - mostly ATLAS production
- data analysis preparation
- work for ATLAS Trigger
 - software development and testing
 - use direct line for fresh data
- Storage Element under development (SRM interface, DPM implementation)



SLC, Solaris, NFS, Torque + Maui

University of Bern Tier-3

- 30 CPU cores, 30 TB in a local cluster
- 250 CPU cores in a shared University cluster
- grid site since 2005
 - NorduGrid
 - gsiftp storage element
 - mostly ATLAS production
- mostly interactive and local batch use
- data analysis preparation



SLC, Gentoo, NFS, Lustre, Torque, SGE

CSCS Tier-2

Swiss National Supercomputing Centre

- 960 CPU cores, 520 TB (for three LHC experiments)
- grid site since 2006
 - LCG gLite and NorduGrid
 - dCache Storage Element
 - mostly production for the three experiments



SLC, Solaris, NFS, Torque + Maui

