CERN openlab Communications 2007-2008 CERN openlab

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The CERN openlab message

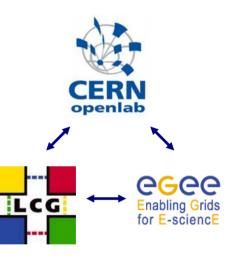
CERN openlab is...

- ...a framework for collaboration between multiple industrial partners...
- ...in a pre-competitive spirit and based on open standards. ...
- ...to explore jointly the future of computing and Grid technology...
- ...motivated by CERN's extreme computing demands for HEP and the LHC.

The openlab team's motto: " you make it, we break it"

CERN openlab and CERN's Grid strategy

- LHC Computing Grid (LCG)
 - provides Grid service to LHC experiments, HEP community
- 2) Enabling Grids for E-sciencE (EGEE)
 - multi-science Grid infrastructure co-funded by the EC, LCG is flagship application
- 3) CERN openlab
 - Future technology test and validation for LCG deployment (hardware & software)
 - "R&D lab" associated with EGEE industry activities (Grid middleware)





Dissemination highlights

Documents

- CERN openlab Annual Report 06-07
- Press release about EDS contributor status
- Articles in International Science Grid This Week, CNL, Cern Courier
- Support for various press articles, partner case studies (backgrounders, interviews etc.)

Multimedia

- Film by Intel for Oracle World (B-roll available)
- History of CERN Computer Centre (with Oracle sponsorship)











CONTRIBUTORS







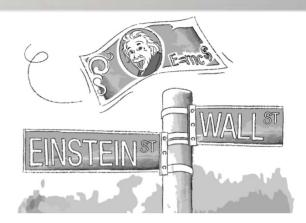
Events and outreach highlights

CERN openlab events

- Sponsorship of EGEE Conference, Budapest, October
 - Oracle Gold, HP Silver
- Computing for Finance Event at CERN, November
 - Two CERN grid startups presented, (GridBiz competition postponed)
- Study tours to HP/Intel Grenoble, EPFL (Student Programme)

Partner-specific events

- Intel Customer Visit, 8 May
- HP Procurve Press Launch in Globe, 11 Sept
- EDS client visit, 6 November
- Oracle-CERN 25 year celebration, 18 December
- CERN presentations at partner events
 - Netevents, Oracle World, EDS workshop...





Plans for 2008

Intense media coverage anticipated

- Special "start-up" day planned with BBC, others (June?)
- Opportunity to bring groups of journalists
- NB: experiments no longer visitable after ~April!

LHC open days 5-6 April, VIP event 21 Oct

- All major CERN suppliers will be approached
- Special invitation for openlab partners
- VIP event opportunity to meet Heads of State (tbc)

Computing Expo in Computing Centre

- All visitors, VIPs and press will see this, spend time there.
- Themes are "History of Computing at CERN", "From Web to Grid" "Future of computing", "Grid Monitor", "CERN openlab"
- Will feature original Next server on which web was developed.
- Sponsorship opportunities include:
 - Equipment and/or neat demo material
 - Contributions for multimedia productions

CERN openlab student programme

• To continue under stewardship of Sverre Jarp

CERN openlab communications officer

 IT Comms team to stop in June – we are exploring options with partners for dedicated support of CERN openlab communications





Plans for 2008

Grid Events

- 3rd EGEE Users Forum, Clermont-Ferrand Feb 11-14
 - (Gold/Silver/Bronze 15/10/5 k€)
- LCG Collaboration Workshop, CERN, 21-25 April
 - Sponsor for reception, gadget
- EGEE'08 (Istanbul, Turkey) 22-26 Sept
 - (Gold/Silver/Bronze 15/10/5k€)
- CHEP'09 (Prague, Czech Rep) 21-27 March 09
- Computing Colloquia

Press Releases & articles

- Release announcing new CERN openlab line-up (tbc)
- Releases highlighting key results of second year (partners)
- Continued support for backgrounders, interviews

Articles for HEP/Grid communities

- CNL, CERN Courier (features)
- International Science Grid This Week
 - iSGTW has 3500 subscribers
 - >60,000 hits/month (up 6x since last year)
- EU GridTalk project starts in May
 - iSGTW, GridCafe, Real-Time Monitor, Grid policy





CERN openlab student programme

CERN openlab student programme 2007

- 25 Students
 - from Europe, Canada, Brazil, Pakistan (BSc-MSc-PhD levels)
- Projects involving Grid technology, team-based
- Supervisors from five IT groups + openlab staff
- 2 months at CERN
- Study tours + Grid lecture series



Partner-sponsored students 2007

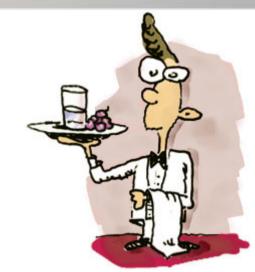
Platform virtualization for Grids – Irfan Habib, Uni W. of England
Provisioning Computing Resources – Serena Cameirano, Trinity College, Ireland
Power Measurements – Piotr Jurga, Tech. Uni. Bydgoszcz, Poland
Compiler Optimization – Gabriel Esteves, Waterloo Uni., Canada
Performance Monitoring – Jorge Diaz, Uni. De Las Palmas, Spain
Monitoring interface system – Manuel Entrena, Uni de Granada, Spain
Web statistics for J2EE users – Jim Levy, Uni Lyon 1, France
Tycoon, Xen and Glite – Andrea Sottoriva, Uni. Amsterdam, Netherlands
Oracle RAC Virtualisation – Maria Leitner, Uni Vienna, Austria
Database access management – Kryysztof Wyszynski, Uni Silesia, Poland

Timeline for 2008

- Student applications by March 31st
- Call for projects in IT by March 31st
- Students between June and September



Summary



Communications Menu for 2008

- 1) Computing Expo in CC
- 2) Presence at Grid events
- 3) Coverage in HEP/Grid and general press
- 4) CERN openlab student programme
- 5) CERN openlab communications officer
- 6) open day in April (CERN event)