Second LHC Computing Grid Workshop

March 23-24, 2004

The seconds LHC Computing Grid (LCG) workshop will be held at CERN on March 23/24 2004.

The goal of the plenary sessions is to inform the broad physics community about LCG, Grid experience and plans of other HEP experiments and the evolution of Grid Technology.

There will be two half-days of working group meetings. Here the goal is to make progress with the active participation of all participants on strategically important topics in the LCG, especially in the fields of Grid Deployment, Fabrics issues at CERN and at remote sites and Grid Middleware and integration with applications.

The workshop will start on Tuesday morning with plenary sessions. Tuesday afternoon and Wednesday morning parallel working group sessions will be organised. There will be a welcome reception on Tuesday evening, after the sessions. On Wednesday afternoon summaries and outlook will be presented in plenary. The workshop will finish by 17:00, Wednesday, March 24, 2004.

The workshop is open to all interested people. The plenary sessions will be on VRVS. There is no registration fee for the workshop. If you like to get involved in the working group sessions please contact the conveners listed below.

The detailed program is available at:
http://agenda.cern.ch/fullAgenda.php?ida=a04105

Workshop program: Plenary sessions

Tuesday 23.3. 9:00 - 12:30h, CERN auditorium

Welcome and opening	Jos Engelen
LCG and LHC Computing in 2007	Les Robertson
Grid Computing: Experience and plans at CDF and D0	Peter Mättig
The evolution of Grid Technology	Ian Foster

Tuesday, 23.3. 17:30 – 19:00: LCG workshop reception

Wednesday, 24.3. 15:00 - 17:00h, CERN auditorium

Summary: Grid Deployment	Markus Schulz
Summary: LCG Fabrics	Bernd Panzer
Summary: Grid Middleware and Applications	Erwin Laure
LHC analysis in the times of ubiquitous Grids	Neil Geddes

Parallel working groups:

Session A: Grid Deployment

Convener: Markus Schulz, Markus.Schulz@cern.ch
Rooms: Tuesday pm: 513-1-024, Wednesday am: 40-S2-B01,
Initial list of topics:
> From code change to release
> Storage in LCG2
> Information System & Monitoring
> Documentation: Writing the LCG cookbook

Session B: LCG Fabrics

Convener: Bernd Panzer-Steindel, Bernd.Panzer-Steindel@cern.ch
Rooms: Tuesday pm: 140-1-009, Wednesday am: 40-05-A01
Initial list of topics:
> Progress/status of the preparations for 2007 for all T1 centres
> infrastructure upgrades (network, electricity, cooling)
> storage model (disk versus tapes),
> raw+ESD copies
> control and management of boxes, batch systems
> wide area coupling to the LAN
> purchasing and quality control of the equipment
> grid-fabric interface, where are the limits, what do sites accept (security etc.)
> Questions to be addressed at the workshop:
> Is there today more room for collaboration?
> Does the new grid software enforce communalities?
> How can we profit from each others experience?

Session C: Grid Middleware and Applications

Convener: Erwin Laure, Erwin.Laure@cern.ch
Rooms: Tuesday pm: 13-2-005, Wednesday am: 40-S2-C01
Initial list of topics or topical talks:
> WSRF - the future of GridServices
> EGEE and its interaction with LCG
> ARDA and Grid Technology requirements and synergies