

Around the World

Gearing up for LCWS 07



All these drivers will have to find new places to park their cars when a big tent will go up on the parking lot at DESY for LCWS 07.

"The most important skill of any secretary is to know the experts. You don't have to be able to do everything yourself, but you have to know who to ask!" Ramona Matthes is a secretary at DESY and together with two colleagues and a couple of scientists form the core of the local organising committee for the Linear Collider Workshop and GDE meeting that will take place at DESY from 30 May to 4 June 2007. In physicists' terms it is far too early to even think about this meeting, but in administrative terms the organising team did well to start in August last year – organising a meeting for up to 800 people isn't done in a couple of weeks, and there are many major and minor things that all have to work once the hordes of participants arrive. With three GDE meetings each year and many others at the side, every region of the ILC has learnt this, sometimes the hard way.

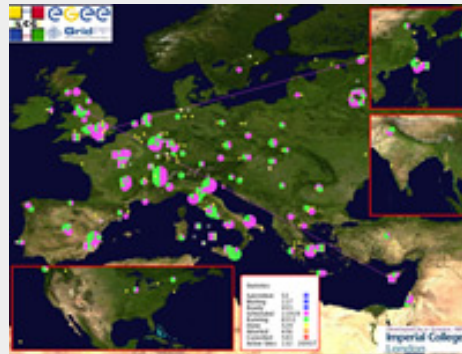
[Read more...](#)

-- Barbara Warmbein

Calendar

Feature Story

Experience the ILC Grid Virtual Organisation



This image displays all jobs currently submitted to the [LCG/EGEE](#) Grid (LHC Computing Grid/Enabling grids for E-science) via the resource brokers monitored, including ILC Jobs (screen shoot of 9 January 2007).

Ever dreamt of saving computing time? "With the ILC Grid Virtual Organisation, I do in one day what I would do in about 100 days with my personal computer," said Olivier Dadoun, a post-doc at LAL, France.

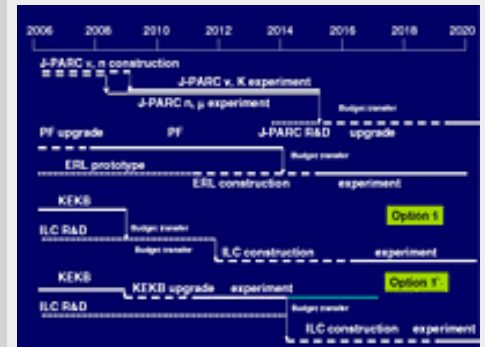
An important collaboration challenge for the ILC community will be to share, use and manage computing resources at a global level. The [Grid computing technology](#) offers a high capacity of computing power. You can send your job all over the world with no need for knowing where it is actually running. Scientific communities such as experiments agree on common sharing rules for resources and build Virtual Organisation (VO). Depending on which VO you belong to, you have a given amount of CPU time and disk space available in the participating computing centres to execute your jobs. There are already various Grid projects on-going in the world, from biology to the Large Hadron Collider. [Read more...](#)

-- Perrine Royole-Degieux

Image of the Week

Director's Corner

Japan HEP Community Promotes a Future Strategy for Particle Physics



One possible timeline for high energy physics in Japan presented to FALC by Atsuto Suzuki, KEK Director. It includes two possible branches for the ILC, one fast-tracked and one that follows a KEK-B upgrade.

Mitsuaki Nozaki, GDE Asian Regional Director, discussed the community-wide consensus on priorities for the future programme in high energy physics in Japan in the Director's Corner of [22 November 2006](#). At that time, there was only a Japanese version of this important report. Now an [English version](#) has been made available, and I would like to take this occasion to make a few additional comments and to point out some highlights of the Japanese strategy. The brief report focuses on the opportunities at the energy frontier and in flavour physics and outlines possible future programmes for Japanese high-energy physics aimed at exploiting these science goals. As for the ILC itself, the report strongly supports a programme aimed toward the ILC, and concludes that "the ILC is expected to establish a new paradigm of particle physics, which will be a breakthrough that is as important as past great achievements such as the discovery of antiparticles or the establishment of the gauge principle."

[Read more...](#)

-- Barry Barish

Upcoming meetings, conferences, workshops

MAC meeting
10-12 January 2007
Daresbury Laboratory, UK

[USPAS](#)

Texas A&M University
15-26 January 2007

[ILC Detector Test Beam Workshop](#)

Fermilab, Batavia, Illinois
17-19 January 2007



[The 9th ACFA ILC Physics & Detector Workshop & ILC GDE Meeting](#)

IHEP, Beijing
4-7 February 2007

[TESLA Technology Collaboration Meeting](#)

Fermilab, Batavia, Illinois
23-26 April 2007

[Annual WILGA Conference](#)

Warsaw University of Technology
Resort, Poland
21-27 May 2007



[LCWS 2007](#)

Hamburg, Germany
30 May - 4 June 2007

[VII International workshop on Problems of Charged Particle Accelerators: Electron-positron Colliders](#)

JINR-BINP, Alushta (Crimea, Ukraine)
2-8 September 2007

[IEEE EUROCON 2007](#)

Warsaw, Poland
9-12 Sept 2007

[12th International Workshop on Polarized Sources and Targets \(PST 2007\)](#)

Brookhaven National Laboratory
10-14 September 2007



Participants at the European Linear Collider Workshop that took place at Daresbury Laboratory, UK, on 8 and 9 January. Note (in the front row) that linear collider work is already attracting the future generation of scientists!

In the News

From *Nature*
9 January 2007

Shrinking Higgs brings optimism to US lab

[Read more...](#) (subscription required)

From *Nature*
9 January 2007

Power shift stymies US science budget

[Read more...](#) (subscription required)

From *Nature*
9 January 2007

Competitive stumbling

[Read more...](#) (subscription required)

From *New Scientist*
8 January 2007

The Higgs boson just got lighter

[Read more...](#)

From *Interactions.org*
8 January 2007

CDF precision measurement of W-boson mass suggests a lighter Higgs particle

[Read more...](#)

From *The New York Times*
7 January 2007

Congressional Budget Delay Stymies Scientific Research

[Read more...](#)

From *Nature*
7 January 2007

Dark matter mapped

[Read more...](#)

[Director's Corner Archive](#)

Announcements

ILC-Related Preprints

[hep-ph/0701017](#)

3 Jan 2007

Lepton flavor violating signals of a little Higgs model at the high energy linear $e^+ e^-$ colliders

[hep-ph/0701011](#)

1 Jan 2007

Gravitino and Axino SuperWIMPs

[hep-ph/0701005](#)

31 Dec 2006

A striking signature of heavy Majorana neutrinos in charged Higgs pair production at the ILC

[hep-ph/0612369](#)

29 Dec 2006

Heavy neutral MSSM Higgs Bosons at the PLC - a comparison of two analyses

[hep-ph/0612359](#)

28 Dec 2006

String Inspired Singlet Extensions of the Minimal Supersymmetric Standard Model

[physics/0612240](#)

27 Dec 2006

Fast Switching Ferroelectric Materials for Accelerator Applications

[hep-ph/0612317](#)

22 Dec 2006

Physics impact of ILC Higgs coupling measurements: the effect of theory uncertainties

[hep-ph/0612273](#)

21 Dec 2006

Virtual Effects of Split SUSY in Higgs Productions at Linear Colliders



= Collaboration-wide Meetings

[GDE Meetings Calendar](#)