

Around the World

New ILC Communicator for Asia

Starting on 16 April, Rika Takahashi will join KEK's Linear Collider Project Office to serve as the dedicated Asian communicator for the ILC. She is taking over for

Youhei Morita, who has served as the ILC communicator for Asia since August 2005. Takahashi will closely collaborate with the other ILC communicators, Elizabeth



Rika Takahashi

Clements (Americas), Perrine Royole-Degieux (Europe), and Barbara Warmbein (Europe).

[Read more...](#)

-- Youhei Morita

Calendar

Upcoming meetings, conferences, workshops

[The LHC Early Phase for the ILC](#)

Fermilab, Batavia, Illinois
12-14 April 2007

[TESLA Technology Collaboration Meeting](#)

Fermilab, Batavia, Illinois
23-26 April 2007

MAC Meeting
Fermilab
26-27 April 2007

[DOE/NSF ILC Americas Regional Team Review](#)

Fermilab
30 April - 2 May

[ILC Software and Tools Workshop](#)

LAL - Orsay
2-4 May 2007

[CALICE Collaboration Meeting](#)

Kobe University, Kobe, Japan
10-12 May 2007

Feature Story

Building prep work almost complete for Fermilab's ILC Test Area



Fermilab is in the final stages of preparing the New Muon Laboratory for its newest tenant: a 60-metre long accelerator for ILC R&D.

With a brand new floor and freshly cleaned out space, Fermilab's New Muon Laboratory is about to become the new home to a sixty-metre-long accelerator that will serve as a test area for ILC R&D. Until recently, the New Muon Laboratory housed the 2000-ton Chicago cyclotron magnet for more than 24 years. The newly renovated area will now be used to test cryomodules for the ILC with an electron beam.

[Read more...](#)

-- Elizabeth Clements

Image of the Week

Fermilab's clean room in action



Fermilab technicians prepare an ILC cavity in the lab's new clean room. This test cavity sent from DESY will be used to break in Fermilab's new Horizontal Test Stand. Stay tuned to *ILC NewsLine* for a full report...

Director's Corner

Organising the GDE for the ILC engineering design phase

The next big milestone for the GDE is to develop an engineering design and document it in an Engineering Design Report (EDR). The Reference Design we have developed over the past year is a complete description of the ILC, but without much of the detailed



Marc Ross (Fermilab), who is leading the task force on EDR Plannings

engineering needed to make a full-fledged funding proposal. We expect the next phase will take about three years and will include detailed and reliable costing, as well as critical R&D results and demonstrations that are needed to support the proposal. We have been discussing and planning for this next phase for some time. In order to develop a concrete plan, I recently appointed an EDR Planning Task Force, under the leadership of Marc Ross, to analyse specific organisational models and structures.

[Read more...](#)

-- Barry Barish

Director's Corner Archive

Announcements

New ILC print publication launched

Next week particle physics departments in universities and institutions around the world will find a new print publication in their mailboxes - *ILC NewsLine Quarterly*. Published four times a year, *NewsLine Q* will highlight key stories from its sister publication, *ILC NewsLine*, reporting on the latest global advances in ILC R&D. *NewsLine Q* will be sent to policy-makers, funding agencies,

[Annual WILGA Conference](#)

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

[POSIPOL 2007 Workshop](#)

LAL-Orsay, France
23-25 May 2007



[LCWS 2007](#)

Hamburg, Germany
30 May - 4 June 2007

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= Collaboration-wide Meetings

[GDE Meetings Calendar](#)

In the News

From *Interactions.org*
11 April 2007

Where has all the antimatter gone? VELO seeks the answer

Scientists from the Universities of Liverpool and Glasgow have completed work on the inner heart of an experiment which seeks to find out what has happened to all the antimatter created at the start of the Universe.

[Read more...](#)

From *Interactions.org*
10 April 2007

For the first time the LHC reaches temperatures colder than outer space

The first sector of CERN's Large Hadron Collider (LHC) to be cooled down has reached a temperature of 1.9 K (-271°C), colder than deep outer space!

[Read more...](#)

government representatives, universities and other interested parties around the world. The ILC communicators would also be happy to provide additional copies for meetings, talks and other events. [more information](#)

LCWS 07 Early Registration Deadline

The LCWS2007 and GDE meeting will take place at DESY in Hamburg, Germany, from 30 May to 3 June 2007. The deadline for early registration is 15 April 2007. [more information](#)

ILC-Related Preprints

[0704.0883](#)

6 Apr 2007

Gauge-Higgs Unification and LHC/ILC