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21 November 2007

Research Director's Report

Where are we now?



Sakue Yamada during the closing plenary at ALCPG.

It has been several weeks since I last wrote for ILC NewsLine, right after becoming the Research Director. Since then, I had many occasions to talk with more people. Each meeting or telephone conversation was fresh to me. Through these discussions, I realised that some of the given charges are more urgent or fundamental, while the main task does not change. Read more...

-- Sakue Yamada

Research Director's Report **Archive**

Calendar

Upcoming meetings, conferences, workshops

ILC EDMS Power User Training 26-30 November 2007

International Vacuum Symposium, IVS-2007

Homi Bhabha Auditorium, TIFR, Colaba, Mumbai, India 28-30 November 2007 Symposium Poster, Symposium Brochure

Physics at the Terascale Kick-off Workshop

DESY, Hamburg 3-5 December 2007

3rd Mini-Workshop on ILC Damping Rings R&D KEK

Feature Story

More scientists read ILC NewsLine, survey says... ...and they want more physics stories!



What do NewsLine readers think? (Photo DESY)

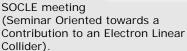
Last September, the ILC communicators conducted a survey about your favourite newsletter. Who are its readers? Are they satisfied with the content? Survey answers that you are mostly scientists who would like more stories about physics. Unfortunately, many of you do not know how to get your stories into NewsLine yet. Read more...

-- Perrine Royole-Degieux

Image of the Week

French ILC meeting

Despite a national transport strike, many collaborators from the French detector and physics community met this week at Clermont-Ferrand (LPC/IN2P3) for their biannual SOCLE meeting



In the News

Director's Corner

The importance of carefully planned infrastructure

Last week, I gave a colloquium about the ILC at CERN. This is a very interesting time to be at CERN. There is a buzz in the air and an impressive amount of intense activity, as final preparations are underway for the



The elaborate infrastructure around the ATLAS detector at CERN

LHC start-up, scheduled for next summer. I had the opportunity to see much of this activity first hand, both for the accelerator and the experiments. Of course there is much for us to learn from the LHC: the scale is comparable to that of the ILC and many of the issues and even some of the technology are similar. As we begin to undertake our own detailed technical design for the ILC, we want to be as realistic as possible. From that standpoint, the single strongest impression I took away from this visit to CERN is the sheer magnitude of the infrastructure required to support these facilities. Read more...

-- Barry Barish

Director's Corner Archive

Announcements

Early edition of NewsLine this week

Due to the Thanksgiving Holiday in the United States this Thursday, the ILC Communicators are sending you an early edition of ILC NewsLine this week. The publication will return to its normal schedule next week.

arXiv preprints

0711.3003

19 Nov 2007 Electroweak Physics at the ILC

0711.2731

17 Nov 2007 Leading Yukawa corrections to the 18-20 December 2007

Upcoming schools

US Particle Accelerator School

UC at Santa Cruz 14-25 January 2008



GDE Meetings calendar

View complete ILC calendar

From *Tribune de Genève* 21 November

Hollywood comes to Cern

Director Ron Howard consults with scientists at the particle physics research center for a movie version of Dan Brown's Angels & Demons.

Read more...

From *The New York Times*18 November

These Scientific Minds Think (and Drink) Alike

...Science groups for young professionals who don't wear white coats, like the year-old Secret Science Club at Union Hall, are cropping up in bars and bookstores all over the country, from Massachusetts to Montana.

Read more...

From *Daily Herald* 17 November

Exploring the next, if not final, frontier

Fermilab is already home to the Tevatron, the highest-energy particle accelerator in the world, and it has its sights set on landing the International Linear Collider within the next five to six years.

Read more...

From *The Guardian* 16 November

The God of Small Things

40 years ago, an unknown physicist in Edinburgh, Scotland, came up with a theory of how the universe holds together - sparking a multibillion dollar race to find the key particle. Is the most sought after prize in modern physics about to be won at last?

Read more...

pole masses of SUSY fermions in the MSSM

0711.2204

14 Nov 2007 RS model with the small curvature and Bhabha scattering at the ILC

0711.2020

13 Nov 2007 CP-violating Loop Effects in the Higgs Sector of the MSSM

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