

Feature Story

CALICE gathers forces to design the calorimeters of the future



Prague by night (photo courtesy of Renata Louvarova, Institute of Physics ASCR, Prague)

The [CALICE](#) (Calorimeter for Linear Collider Experiment) collaboration is growing and anticipating the future of ILC calorimeters. The members not only prepare test-beams for the current generation of calorimeter prototypes, but they also prepare the future design of ILC sub-detectors. A record number of 72 CALICE members reviewed and discussed all these aspects two weeks ago in Prague during a [collaboration meeting](#).

[Read more...](#)

-- Perrine Royole-Degieux

Calendar

Upcoming meetings, conferences, workshops

[EUDET Annual Meeting](#)

Ecole Polytechnique, Paris, France
8-10 October 2007

[CLIC07](#)

CERN
16-18 October 2007



[ALCPG 2007](#)

Fermilab
22-26 October 2007

[CARE07 Annual Meeting](#)

CERN
29-31 October 2007

[CCAST ILC Accelerator Workshop and](#)

Feature Story

LDC and GLD become ILD



Cooperating was already a tradition for scientists working on different detectors.

Scientists are a self-organised and democratic lot. As such, they like bottom-up approaches: ask everybody involved, test all options and find the best and most logical consensus. The most recent example of this approach is the cooperation between the two detector concepts the [Large Detector Concept](#) and the [Global Large Detector](#). Starting from first ideas during LCWS in Hamburg this summer, the two groups decided to combine their concepts into one and write a common Letter of Intent. [Read more...](#)

-- Barbara Warmbein

Image of the Week

How are we doing with NewsLine?



If you subscribe to this newsletter, you should have recently received a survey.

We greatly appreciate the time you will take to fill it out. We hope that your feedback will help us provide a better publication for you! If you didn't receive it or have any questions, please [send us an email](#).

In the News

Director's Corner

ILC Americas Regional Team progress report

Today's issue features a Director's Corner from Mike Harrison, GDE Americas Regional Director.



Superconducting cavity R&D played a large role during this past fiscal year in the Americas region. (Photo Fermilab)

The first of October marks the start of the US fiscal year. As the process of allocating resources to the various Americas region ILC activities begins, it is natural to reflect on the past 12 months as we look forward to the upcoming year. The recently published ILC reference design provides a strong technical basis for the increasingly global ILC R&D programme, and the Americas regional programme reflects this state of affairs.

[Read more...](#)

-- Mike Harrison

[Director's Corner Archive](#)

Announcements

Register for ALCPG07

The joint meeting of the American Linear Collider Physics Group and ILC Global Design Effort will take place at Fermilab on 22-26 October. The deadline to register is 12 October. A block of rooms has been reserved at a favourable price for meeting attendees at the Pheasant Run Resort in St. Charles, IL. Meeting attendees are encouraged to book your rooms soon. Free transportation between the conference hotel and Fermilab will be provided. Questions? Contact [Cynthia M. Sazama](#).

[More information](#)

Questions wanted for dueling

[1st Asia ILC R&D Seminar](#)

IHEP, Beijing, China
5-7 November 2007

Upcoming schools

[Second International Accelerator School for Linear Colliders](#)

Ettore Majorana Center, Erice (Sicily), Italy
1-10 October 2007

[US Particle Accelerator School](#)

UC at Santa Cruz
14-25 January 2007



= Collaboration-wide Meetings

[GDE Meetings calendar](#)

[View complete ILC calendar](#)

From *Interactions News Wire*
25 September 2007

Wolfgang K.H. Panofsky, renowned Stanford physicist and arms control advocate, dies at 88

Wolfgang "Pief" Panofsky, professor of physics at Stanford University and Director Emeritus of the Stanford Linear Accelerator Center (SLAC), died of a heart attack in Los Altos, California, on Monday, September 24. He was 88 years old.

[Read more...](#)

From *Fermilab Today*
25 September 2007

Fermilab makes case to keep Tevatron on

Fermilab Director Pier Oddone called for an extension of running at the Tevatron through 2010 to keep accelerator-based physics research vibrant and give the Large Hadron Collider a boost.

[Read more...](#)

From *SLAC Today*
20 September 2007

The Next Generation of RF Power Sources

...the Klystron and Microwave Department is currently working on the next generation of accelerator radio frequency (RF) power sources to power the International Linear Collider (ILC).

[Read more...](#)

pianos

Submit your questions now for the "Dueling Pianos" session scheduled for the evening of 23 October during the ALCPG07 workshop at Fermilab. The session will be a town hall meeting with a twist. Workshop attendees will submit questions ahead of time. Each question will then get forwarded to two attendees, who will be asked to prepare brief responses. Just like dueling pianos - sometimes the answers will produce harmony, while other discussions may highlight competing forces. Workshop participants may submit questions [online](#).

ILC Notes

[2007-029](#)

Pressure Vessel and Shockwave Issues in the ILC Main Beam Dumps

[2007-028](#)

Radioisotope Production and Management in the ILC Main Beam Dumps

arXiv preprints

[709.3816](#)

24 Sep 2007

Little Higgs Model Discrimination at the LHC and ILC

[709.3305](#)

20 Sep 2007

Single Production of Heavy Charged Leptons at the ILC

[709.3252](#)

20 Sep 2007

BFKL resummation effects in exclusive production of rho meson pairs at the ILC

EUROTeV 2006 Reports

[2006-105](#)

Computational Needs for the ILC

[2006-095](#)

Fast and Precise Luminosity Measurement at the ILC