

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...

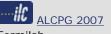
-- Perrine Royole-Degieux

# Calendar

Upcoming meetings, conferences, workshops

**EUDET Annual Meeting** Ecole Polytechnique, Paris, France 8-10 October 2007

CLIC07 CERN 16-18 October 2007



Fermilab 22-26 October 2007

**CARE07 Annual Meeting** CERN 29-31 October 2007

CCAST ILC Accelerator Workshop and



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

**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 transporation between the conference hotel and Fermilab will be provided. Questions? Contact Cynthia

M. Sazama. More information

Questions wanted for dueling

<u>1st Asia ILC R&D Seminar</u> 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

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