

Research Director's Report

LCWS08



The task group for detector R&D met over lunch on Wednesday.

The LCWS08 and ILC 08-workshops are going on in Chicago right now. For many years, the LCWS workshops have brought together the physics and detector communities to discuss recent advances relevant to the linear collider. Many parallel sessions organised around physics and detector topics repeated the tradition. The physics sessions, in particular, are crucial to advance the project and the motivation of its people. This is also a very good occasion for the physics and detector community to communicate with our accelerator colleagues.


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-- Sakue Yamada

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Calendar

Upcoming meetings, conferences, workshops

 [International Linear Collider Workshop \(LCWS08 and ILC08\)](#)
University of Illinois at Chicago, Chicago, USA
16-20 November 2008

[Monolithic and Vertically Integrated Pixel Detectors](#)
CERN, Switzerland
25 November 2008

[2nd Annual Workshop of the Helmholtz Alliance 'Physics at the Terascale'](#)

Feature Story

ILC community sings no blues



Click [here](#) to see the photo album of the meeting.

Chicago, windy city and city of Blues, may be the backdrop to this week's LCWS and ILC 08 meeting at the University of Illinois in Chicago (UIC) – but the ILC community sings an altogether more cheerful tune. More than 350 participants touched base on latest developments in detectors, machine and organisation and discussed old, new and controversial ideas. The International Detector Advisory Group and the Linear Collider Forum of the Americas met in parallel, and the meeting concludes today in a long plenary session.

In the News

From *Science*
14 November 2008

MISPLACED MUONS EITHER MUNDANE OR MONUMENTAL

Elementary particles show up in wrong spot during Tevatron experiment

[Read more...](#)

From *Interactions*
13 November 2008

Scientists inaugurate world's largest cosmic-ray observatory

Scientists of the Pierre Auger Observatory, a project to study the highest-energy cosmic rays, will celebrate the inauguration of their 3000-square-kilometer detector array at the southern site of the observatory in Malargüe, Argentina, this Friday, November 14, 2008.

[Read more...](#)

Director's Corner

The legacy of Edoardo Amaldi

Edoardo Amaldi was one of the giants who shaped our field.

He was celebrated last month at the University of Rome on the 100th anniversary of his birth in the inspiring meeting

"The Legacy of Edoardo Amaldi

in Science and Society." I was honoured to be invited to speak about international collaboration in physics, an area where Amaldi led the way, especially for his role in the creation and development of CERN.

In fact, his impact on physics and society was far broader than his contributions to particle physics alone: they also include his scientific contributions and leadership in nuclear physics, gravitational wave research and astrophysics. Moreover, he worked to protect human rights, and more generally was committed to promoting peace and to controlling the proliferation of nuclear weapons.

[Read more...](#)

-- Barry Barish

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Edoardo Amaldi

Image of the Week

What is it (again)?

RWTH Aachen, Germany
26-28 November 2008

Upcoming school

[The US Particle Accelerator School](#)
Nashville, Tennessee, USA
12-23 January 2008



= Collaboration-wide
Meetings

[GDE Meetings calendar](#)

[View complete ILC calendar](#)

From *Discover*
13 November 2008

The Man Who Led the Second Superstring Revolution

Inside the mind of Ed Witten, the
"best physicist of his generation.

[Read more...](#)



If at first you don't succeed, guess, guess again... we received a couple of answers to our 'What is it'- image last week, but we're afraid the picture neither shows a beam image on a screen, nor are we looking at a hand cream smear on a desk (chapeau for the creative guesswork though). A hint: there's water involved... get it? Send your guesses to communicators@linearcollider.org

Announcements

arXiv preprints

[0811.2503](#)

Modeling of Charge Transfer Inefficiency in a CCD with High Speed Column Parallel Readout

[0811.2490](#)

Measurements of Charge Transfer Inefficiency in a CCD with High-Speed Column Parallel Readout

[0811.2354](#)

Response of the CALICE Si-W Electromagnetic Calorimeter Physics Prototype to Electrons

[0811.1852](#)

Development of CMOS monolithic pixel sensors with in-pixel correlated double sampling and fast readout