

Around the World

From Fermilab Today: Students report on the importance, design of proposed linear collider



Peter Garbincius speaks to Rotolo Middle School students in Batavia about the physics, design and goals of current and future accelerators.

Members of the latest group exploring the proposed International Linear Collider lack physics degrees. In fact, they don't yet have high school diplomas.

To teach 35 eighth-graders about particle physics, Batavia Rotolo Middle School teachers Macy Felter and Elizabeth Selander had them study the ILC, the proposed next-generation particle accelerator.

[Read more...](#)

-- Rhianna Wisniewski

Calendar

Upcoming meetings, conferences, workshops

[ICFA NANOBEAM Workshop](#)

Budker INP, Novosibirsk, Russia
25-30 May 2008

[XXII Symposium on Photonics and Electronics for Accelerators and High Energy Physics Experiments](#)

Warsaw University of Technology
Resort, WILGA
26 May - 1 June 2008



[GDE Meeting - ILC](#)

[Conventional Facilities and Siting Workshop](#)

JINR, Dubna, Russia
3-7 June 2008

[International Linear Collider ECFA](#)

Feature Story

On the costing trail

Project Management office plans the future of the cost estimate
Hamburg isn't exactly known for its good weather and hours of sunshine per year. So when the sun is out and nature is exploding with spring leaves and early summer blossoms,

Hamburgers go to every length to spend those precious times outside. Spending a day in a conference room darkened for better presentations, hunched over microphones to listen to colleagues at the other end of the world doesn't normally rank high on the list of things to do in Hamburg when the weather is nice. Nevertheless one of the participants of last week's cost management meeting described their three days as "very enjoyable", meaning it. One has to work on the ILC to appreciate the spirit...

[Read more...](#)



Flipcharts, spreadsheets and debates – the cost management group met at DESY in May.

-- Barbara Warmbein

In the News

From *Fermilab Today*
20 May 2008

Code crackers wanted

A little more than a year ago, the Fermilab Office of Communication received a curious letter in code.

[Read more...](#)

From *Guardian*
20 May 2008

Should the golden triangle get all the research cash?

Scientists in the north-west are angry at losing out on funding to southern universities. Natasha Gilbert reports

[Read more...](#)

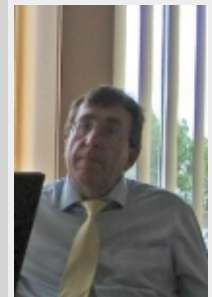
Director's Corner

Common fund approved by FALC Resource Group

The ILC Global Design Effort (GDE) is made up primarily of in-kind R&D contributions done in the partner countries, mostly at the large laboratories that are developing the technologies and design towards a real ILC machine. Our primary mission in the GDE is to coordinate and guide this programme. This requires financial contributions by the countries who are involved in the project to support a central infrastructure, called the common fund. It was created by the Funding Agencies for Large Colliders (FALC) a couple of years ago, and is monitored and approved by their subcommittee, the FALC Resource Group, chaired by Richard Wade of STFC in the UK.

[Read more...](#)

-- Barry Barish



Richard Wade, Chair of the FALC Resource Group.

Director's Corner Archive

Image of the Week

The world under control



A new remote control room opened its sliding doors this week at DESY. Initiated by the [CALICE](#) collaboration and built for generic ILC detector R&D, it lets detector experts run shifts and monitor the data taking

[Workshop \(ECFA 2008\)](#)

Warsaw, Poland
9-12 June 2008

[Polarized Positron for Linear Colliders
Workshop \(Posipol 2008\)](#)

Hiroshima University, Japan
16-18 June 2008

[European Particle Accelerator
Conference \(EPAC'08\)](#)

Genoa, Italy
23-27 June 2008

Upcoming schools

[The second Trans-European School
for High Energy Physics \(TES-HEP\)](#)

Buymerhovka, Sumy region, Ukraine
3-9 July 2008

[Third International Accelerator School
for Linear Colliders \(2008 LC School\)](#)

Oak Brook, Illinois, USA
19-29 October 2008



**= Collaboration-wide
Meetings**

[GDE Meetings calendar](#)

[View complete ILC calendar](#)

From *The Engineer*
19 May 2008

Bottling the big bang

The air of anticipation around CERN, the European Organisation for Nuclear Research near Geneva, is palpable.

[Read more...](#)

From *Science*
16 May 2008

**PHYSICS: Fermilab Sends Energy
Department Final Plan to Lay Off
7% of Staff**

... The budget cuts specifically targeted funding for research and development on the proposed multibillion-dollar International Linear Collider;

[Read more...](#)

(subscription required)

even when their detector prototype sits in a test beam half a world away. This is the case right now: calorimeters sit in Fermilab's Meson [Test Beam Facility](#). The new remote control room has a web-based secure global desktop, a conference system with a permanent video link between remote and on-site shifts, and many more features that the first remote 'shifters' have already started to use. (Photos: Alexander Kaukher)



Announcements

**Brian Foster elected Fellow of the
Royal Society**

Congratulations to European Regional Director Brian Foster: He was made Fellow of the UK's renowned Royal Society last Friday. Read the [press release](#).



Dubna travel arrangements

The organising committee of the GDE meeting in Dubna has made the [agenda](#) available on the meeting website. In order to be able to organise transport from and to the airport they ask all participants to submit their flight times and numbers. More info from the second news [bulletin](#).

ILC Note

[2008-043](#)

Photon Collider Technology Readiness and Near Term Plans

arXiv preprints

[0805.2279](#)

Two-particle kinematic distributions from new physics at an electron-positron collider with polarized beams