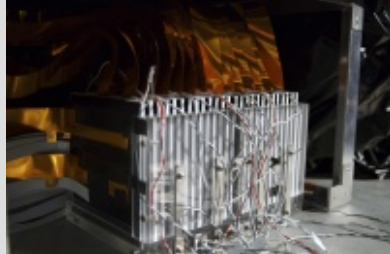


Research Director's Report

Designing groups and detectors



Prototype of an electromagnetic calorimeter.

Three concept groups have responded to the call for [Expressions of Interest](#): ILD, SiD and the 4th concept group. Now we can go one step further, namely the common task groups will be formed by the members of each of these groups.

I know the detector concept groups will set up their own internal structure in the meantime and strengthen the effort for their detector studies. Designing a detector system always requires compromises between conflicting demands. A well structured group can be effective in solving such problems. [Read more...](#)

-- Sakue Yamada

[Research Director's Report Archive](#)

Calendar

Upcoming meetings, conferences, workshops

[ILC Vertex Detector Workshop](#)
Villa Vigoni, Menaggio, Italy
21-24 April 2008

[Workshop on High energy photon collisions at the LHC](#)
CERN, Geneva
21-25 April 2008

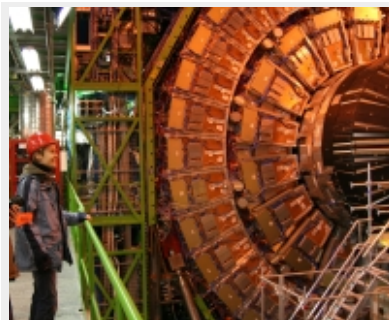
[FCAL Collaboration Meeting](#)
Institute of Nuclear Physics, Cracow, Poland
6-7 May 2008

[LoopFest VII](#)

Feature Story

The Open Day at CERN - My first encounter with particle physics

Katrin Voss really need the pain au chocolat géant for breakfast at the CERN cafeteria for getting started with her first visit to CERN on 6 April. Germany's new CERN/LHC Communicator describes her first impressions of tunnels, detectors and campus life at CERN's recent Open Day as "a demanding yet rewarding experience".



Katrin Voss's first encounter with particle physics was intense: the new CERN/LHC communicator for Germany writes about her impressions from CERN's Open Day.

Being the new CERN/LHC Communicator for Germany but not having a degree in physics (I worked at the press office of the Centre for European Economic Research in Mannheim, Germany, for the past ten years), the CERN Open Day was an excellent opportunity to learn more about particle physics and "the world's largest particle physics laboratory" that I wouldn't have wanted to miss. The crowds were massive, but with the help of a press badge I managed to see a good variety of events and places. [Read more...](#)

-- Katrin Voss, DESY

In the News

Director's Corner

The GDE to meet in Russia



Possible ILC site north of Moscow near Dubna.

The next general [meeting](#) for the GDE will be at the Joint Institute for Nuclear Research (JINR) in Dubna, Russia. JINR is a large international laboratory with a long history in accelerator- related science. This meeting will have a thematic nature, exploring questions related to siting the ILC, as well as areas involving the accelerator design and other aspects of the ILC. This meeting will be our first to take place in the Russian Federation and we view it as an opportunity to explore ways to expand and deepen our Russian colleagues' involvement in the ILC. [Read more...](#)

-- Barry Barish

[Director's Corner Archive](#)

Image of the Week

Beauty within



A quarter sample of a cavity cell which shows the electro-polished inner surface. Photo: Nobu Toge

Announcements

[Radiative Corrections for the LHC and ILC](#)

University at Buffalo, Amherst, New York, USA
14-16 May 2008

[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

[ECFA 2008](#)

Warsaw, Poland
9-12 June 2008

Upcoming schools

[Terascale Monte Carlo School](#)

DESY, Hamburg, Germany
21-24 April 2008



= Collaboration-wide Meetings

[GDE Meetings calendar](#)

[View complete ILC calendar](#)

From *Telegraph.co.uk*
14 April 2008

Brian May attacks science research cuts

...and leading to the UK pulling out of the next generation, a linear collider. Thousands of physicists have protested, including prominent figures such as Lord Rees, astronomer royal, and Prof Stephen Hawking.

[Read more...](#)

From *BBC*
14 April 2008

Science cuts: Funding chief has his say

...But the future of Daresbury is something we're working very hard to secure. Our vision for Daresbury is a science base which is much broader than one based just on synchrotron sources.

[Read more...](#)

From *Fermilab Today*
14 April 2008

Physicist for a day

Roughly 170 U.S. high school students got the chance to explore the energy frontier for a day.

[Read more...](#)

From *CMS Times*
14 April 2008

Higgs First Seen in CMS

Peter Higgs, a celebrity in the physics world, arrived as you would expect: with an entourage.

[Read more...](#)

From *Physics World*
10 April 2008

Peer review informed ILC pull-out

The UK government claims that the controversial decision to pull the country out of plans for the International Linear Collider (ILC) was taken on the basis of peer review.

[Read more...](#)

Got your visa for Russia?

The organisers of the June [GDE meeting](#) at JINR, Dubna, Russia would like to remind you that registration and visa information are due. More information can be found [here](#).

arXiv preprints

[0804.0618](#)

Probing doubly charged Higgs in e^+e^- Colliders in 3-3-1 Model

[0804.0268](#)

Light Higgs Mass Bound in SUSY Left-Right Models