

Around the World

From Fermilab Today: Fermilab reaches milestone with successful cavity test



A 3.9 GHz cavity, created at Fermilab, was successfully tested two weeks ago. (Photo: Dan Olis)

A successful test of a dressed 3.9 GHz superconducting radiofrequency cavity last week put Fermilab among an elite group that can produce cutting-edge, high-powered accelerator components.

[Read more...](#)

-- Rhianna Wisniewski

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](#)

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

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

Around the World

It's ladies' night

Today's issue features a story from Junpei Fujimoto, a particle simulation specialist at KEK, who is very active in ILC outreach in Japan.



Takahashi and Yuasa with the moderators Kaida and Kojima during the Accelerator's Ladies' Night.

In Japan, several attempts are being made to bring accelerator science to the people, such as the open house at KEK, a summer school for high school students, lectures in high schools and middle schools, science cafés, and so on. Among them, there is also the "Accelerator's Night" series at a bar ([read more](#)). The latest one was held on 14 April and called "Accelerator Ladies' Night", produced by members of the ILC fan-club in a bar in Tokyo near Shin-Okubo station, an area famous for its Korean-style barbecue restaurants.

[Read more...](#)

-- Junpei Fujimoto

In the News

From *Fermilab Today*
23 April 2008

Dr. Orbach addresses Fermilab in lab-wide meeting

Dr. Raymond Orbach visited Fermilab Tuesday to learn about the laboratory's advances and long-range plans as well as to offer support for its future for decades to come.

[Read more...](#)

From *Daily Chronicle*
18 April 2008

Lawmaker seeks to restore millions in funds for Fermilab

Director's Corner

The value of science

Today's issue features a Director's Corner from Nick Walker, Project Manager for the Global Design Effort.

What is your science worth? A question I have recently heard raised during many over-coffee discussions. The question is of course rhetorical: none of us can really answer it. But the fact that it is being asked at



Nick Walker

all is part of a reaction to the GDE management's policy to make the cost of the project a central focus of the Technical Design Phase.

[Read more...](#)

-- Nick Walker

[Director's Corner Archive](#)

Image of the Week

Springtime for SiD



Scientists working on the Silicon Detector ([SiD](#)), a possible detector for the ILC, met last week at Rutherford Appleton Lab near Oxford in the UK. The more than 60 participants discussed status and plans of their detector. Check future NewsLines for a more detailed report.

Announcements

[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](#)

U.S. Rep. Bill Foster is asking for millions to restore lost funding to his former employer, Fermilab.

[Read more...](#)

From *symmetry breaking*
18 April 2008

Fermilab Meson Test Beam Facility begins testing detector

An important new ILC calorimeter research program was installed in the the Fermilab Meson Test Beam Facility on April 15, 2008.

[Read more...](#)

From *symmetry breaking*
17 April 2008

Extreme particle acceleration with lasers (APS April 2008)

... Wim Leemans of Lawrence Berkeley National Laboratory talked about a project called BELLA that could potentially match the energy of the proposed 20 kilometer International Linear Collider in a few hundred meters instead.

[Read more...](#)

Got a suggestion?

Have you just reached a major milestone? Is there an interesting story from your lab? Do you have comments on today's issue of NewsLine, or the newsletter in general? [Let us know!](#)

ILC Note

[2008-042](#)

Pair production of scalar top quarks in e^+e^- collisions at ILC

arXiv preprints

[0804.2768](#)

Supersymmetry at and beyond the LHC

[0804.1976](#)

Determining the WIMP mass using the complementarity between direct and indirect searches and the ILC