

## Calendar

### [Have a safe day!](#)

**Monday, Feb. 22**

**2:30 p.m.**

[Particle Astrophysics Seminar](#)

- One West

Speaker: C. Eric Dahl, Fermilab

Title: A COUPP Update:

Acoustic Discrimination

Results and Progress on the

60kg Bubble Chamber

**3:30 p.m.**

DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

**4 p.m.**

All Experimenters' Meeting

Special Topic: Optimization of

Antiproton Injection to the

Recycler - Curia II

**Tuesday, Feb. 23**

**3:30 p.m.**

DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

THERE WILL BE NO

ACCELERATOR PHYSICS

AND TECHNOLOGY

SEMINAR TODAY

[Click here](#) for NALCAL,  
a weekly calendar with links  
to additional information.

[Upcoming conferences](#)

## Campaigns

### [Take Five](#)

### [Tune IT Up](#)

## H1N1 Flu

For information about H1N1,  
visit Fermilab's flu information  
[site](#).

## Weather

## Special Announcement

### Fermilab celebrates Women's History Month

#### WOMEN'S HISTORY MONTH

Honoring Fermilab's history, inspiring the future



[www.fnal.gov/diversity/womens\\_history](http://www.fnal.gov/diversity/womens_history)

Fermilab

For the first time this March, Fermilab is formally joining organizations across the nation and around the globe to recognize the achievements of women. This year's celebrations feature lunchtime discussion groups, a lecture on women and science education, and, debuting today, a [Web site](#) dedicated to the legendary women who have shaped the laboratory over the decades.

Click on the Profiles section to learn about women's contributions to everything from ground-breaking physics to the design of Fermilab's buildings and unmistakable logo. And if you're inspired by the stories you read, you can submit your own profile of a woman important to the laboratory's culture and progress.

"We hope to get profiles of women from across all the lab's various positions—scientific, technical, administrative, users. Anyone who's made an impact," said Sandra Charles, chair of the planning group for multi-cultural events, the committee behind the idea. The site also features a calendar of compelling events, and background on the laboratory's women's organizations. Charles said, "We're hoping this new Web site will increase awareness of women's contributions."

-- Andrea Mustain

## Feature

## ES&H Tips of the Week - Safety



### Get the inside scoop on product recalls

This week's ES&H safety tip was written by Rafael Coll, ES&H safety engineer.



Consumer Product Safety Commission issues recall alerts.

In light of the recent spate of Toyota recalls, you may be wondering how to know if the products you use are safe.

ES&H can help. The ES&H section receives regular postings from the Consumer Product Safety Commission warning of recalls on consumer products. These recalls have to do with just about everything people buy, including consumer electronics, home and garden products, baby furniture and home equipment. ES&H gets these recalls before radio and TV stations, which typically only announce the most serious product risks.

How do you get on the list? Simply send an e-mail from any computer connected to a Fermi network to [listserv@fnal.gov](mailto:listserv@fnal.gov). Leave the subject line blank and erase any signatures from your message. In the body of the e-mail, type "subscribe cpsc" and hit SEND. You will receive a confirmation notice by e-mail with instructions and a link. Once you click on the link, you will start receiving the postings.

To unsubscribe, follow the same instructions, but in the body of the message, type "del cpsc" and then your e-mail address. Very simple, isn't it?

You may be able to find some of these products in your household and you can also forward information about product recalls to friends and family members.

[Safety Tip of the Week Archive](#)

[Accelerator Update](#)


[Extended Forecast](#)
[Weather at Fermilab](#)
[Current Security Status](#)
[Secon Level 3](#)
[Wilson Hall Cafe](#)
**Monday, Feb. 22**

- Breakfast: Croissant sandwich
- Potato leek soup
- Monte Cristo
- 1/2 roasted chicken
- Alfredo tortellini
- Chicken ranch wrapper
- Assorted sliced pizza
- Szechuan-style pork lo mein

[Wilson Hall Cafe Menu](#)
[Chez Leon](#)
**Wednesday, Feb. 24**
**Lunch**

- Wasabi- and panko-crusted pork loin w/ gingered soy sauce
- Jasmine rice
- Pea pods and carrots
- Cold lime soufflé

**Thursday, Feb. 18**
**Dinner**

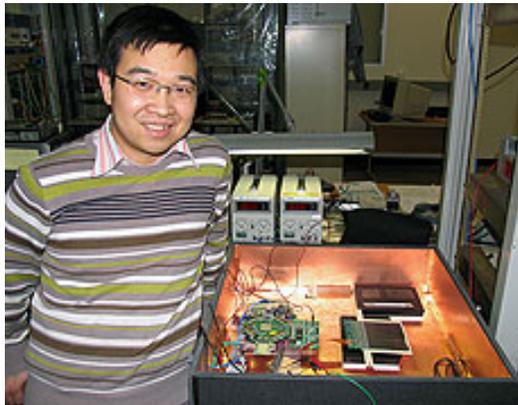
Closed

[Chez Leon Menu](#)

Call x3524 to make your reservation.

[Archives](#)
[Fermilab Today](#)
[Result of the Week](#)
[Safety Tip of the Week](#)
[CMS Result of the Month](#)
[User University Profiles](#)
[ILC NewsLine](#)

## Sharing silicon know-how with Chinese partners



Beijing-based physicist Cai Xiao stands with some of the equipment used to test silicon sensors for IHEP's test-beam telescope.

With the quiet, deft manner of a jeweler showing his wares, physicist Cai Xiao opened a black box that, in a James Bond movie, might hold a stash of diamonds. This one held something every bit as precious. Inside lay a small, green circuit board topped with three shining silver strips: a silicon detector.

For Cai (pronounced "sigh"), this was the culmination of an almost year-long collaboration with a team at Fermilab's SiDet. Now that the sensor was finished, it was almost time for him to go home.

Cai is a particle physicist at Beijing's Institute of High Energy Physics (IHEP), where he completed work for his Ph.D. in 2008. He'd been sent halfway across the world all because of that shiny silver stuff in the black box. Silicon has become an essential part of almost every new accelerator experiment under consideration.

"For high-momentum particles, it gives almost the best resolution you can get," said Marcel Demarteau, coordinator of Fermilab's detector R&D.

Demarteau said IHEP had been looking to improve its silicon expertise; Fermilab has lots of silicon experts. A collaboration just made sense. Cai arrived at the laboratory in March of 2009.

His mission was to complete a silicon telescope for a test beam at the Beijing Electron Positron Collider. The telescope doesn't look anything like the kind used for star-gazing; and instead of peering at the largest objects in the universe, Cai's telescope tracks the very smallest.

-- Andrea Mustain

**Feb. 17-19**

- Three stores provided ~36 hours and 30 minutes of luminosity
- LINAC Debuncher water skid problems
- TeV, D0 and CDF access were needed

[Read the Current Accelerator Update](#)
[Read the Early Bird Report](#)
[View the Tevatron Luminosity Charts](#)
[Announcements](#)
**Latest Announcements**
[On-site Housing for summer 2010 - March 8 deadline](#)
[Ukrainian egg decorating class - today](#)
[Barn Dance - Feb. 21](#)
[Immigration Law information session - March 1](#)
[Fermi Martial Arts Classes](#)
[Employee discount offered at Batavia Rosati's](#)
[Hiring summer students for 2010](#)
[Harlem Globetrotters special ticket price - April 15](#)
[2010 standard mileage reimbursement rate](#)
[Chicago Bulls discount tickets available online](#)
[Introduction to Argentine Tango series of classes - FREE](#)
[Qi Gong, Mindfulness and Tai Chi Easy for Stress Reduction](#)
[Unleash those stomach butterflies - Toastmasters](#)
[Weight Watchers at Work begins new session](#)
[Applications accepted for awards in URA Visiting Scholars program](#)
[Blood drive sign-up](#)
[Ask HR sessions to be held at the Computing Division and Wilson Hall](#)
[Conflict Management and Negotiation](#)

**Info**

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is online at:  
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### *From symmetry breaking*

## **This week at the LHC: Preparing for the first protons of 2010**

After more than a month of preparation, the Large Hadron Collider could be circulating proton beams again as early as [this] week. Since the beginning of the new year, the Large Hadron Collider has been shut down to prepare the machinery for 7 TeV, the highest energy level ever attained by a particle accelerator.

This preparation has focused heavily on readying the LHC's quench detection and protection systems, which keep the accelerator magnets from overheating. This has included replacing 4000 connectors for cables and testing the magnets at increasing electrical levels up to 6 kiloampere. For a closer look at the technical details of this stop, see [CERN's Bulletin](#).

[Read more](#)

### **Skills offered March 3 and 10**

[Adobe Acrobat Professional 9.0 Level 1 class offered March 4](#)

[Deadline for The University of Chicago Tuition Remission Program - March 5](#)

[Adaptive Leadership: Coaching for Individual Differences class - March 9](#)

[Art Gallery talk - Virginia Broersma - March 10](#)

[Excel Power User / Macros class offered March 11](#)

[FRA Scholarship 2010](#)

[Submit an announcement](#)

### **Classifieds**

Find new [classified ads](#) on *Fermilab Today*.