

## Calendar

### Wednesday, November 8

**3:30 p.m.** Director's Coffee Break - 2nd floor crossover

**4:00** Fermilab Colloquium - 1 West  
Speaker: R. Fox, Georgia Institute of Technology

Title: Rectified Brownian Motion in Sub-Cellular Biology

THERE WILL BE NO FERMILAB ILC R&D MEETING THIS WEEK

### Thursday, November 9

**2:30 p.m.** Theoretical Physics Seminar - Curia II

Speaker: D. Walker, University of Wisconsin, Madison

Title: Top Quark Pairs at High Invariant Mass -- A Model Independent Discriminator of New Physics at the LHC

**3:30 p.m.** Director's Coffee Break - 2nd Flr X-Over

**4:00 p.m.** Accelerator Physics and Technology Seminar - 1 West

Speaker: Z. Conway, Argonne National Laboratory/University of Illinois, Urbana-Champaign

Title: Electromagnetic and Mechanical Properties of Superconducting Spoke-Loaded Cavities

THERE WILL BE NO ALCPG ILC PHYSICS AND DETECTOR SEMINAR THIS WEEK

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

## Weather

## Flu shots are coming-- We don't know when



The trouble began last January. Fermilab nurse Mae Strobel repeatedly called the usual supplier to order flu shots and could not get through. She tried, simultaneously, to access the supplier's website, but it was too busy to let her place an order. "Within four hours they were sold out," said Strobel. "Usually they do not sell out for months." She was able to place an order with a second supplier, but it has not arrived yet. Since then, Fermilab's ES&H Medical Office has received a number of calls from employees looking for flu shots.

The Medical Office is still expecting to receive the 700 doses Strobel ordered. But Fermilab is on a waiting list. The manufacturer, under orders by the Center for Disease Control, must first deliver to CDC top-priority organizations, such as veteran's hospitals and the Visiting Nurses Association.

It is likely Fermilab will receive the vaccine shipment in time for this year's

## From the ES&H

### Persistent awareness

*This week's column is written by Bill Griffing, director of Fermilab's Environment, Safety and Health Section.*

In yesterday's all-hands meeting, our lab director spoke of the need for a "persistent awareness" of safety by everyone if we are to be successful in reducing risk of injuries. I couldn't agree more. It will take that kind of continual vigilance to drive our injury rates to a lower level.



Bill Griffing

We are encouraged by evidence that people are paying attention to safety in ways we never saw before. Membership and participation in safety committees has never been higher. Safety suggestions are flowing in from all quarters. And the number of serious accidents has been dramatically reduced.

But don't stop thinking about safety when you venture beyond our site boundary. We have a growing number of people who are business travelers. Whether you are traveling for business or leisure, keep in mind a couple of safety tips. First, remember to fasten your seat belt when you get into a limousine, taxi or rental car. I have heard from two different people how they were seriously injured in separate accidents some years ago when the limousines they were riding in

 Patchy Fog **65°/49°**

[Extended Forecast](#)

[Weather at Fermilab](#)

### Current Security Status

[Secon Level 3](#)

### Wilson Hall Cafe

#### Wednesday, November 8

- Vegetable Beef Soup
- Fish & Chips
- Almond Crusted Sole
- Country Fried Steak with Pepper Gravy
- Beef and Cheddar Panini with Sauteed Onions
- Assorted Slice Pizza
- Cavatappi Pasta with Italian Sausage and Tomato Ragu

[Wilson Hall Cafe Menu](#)

### Chez Leon

#### Wednesday, November 8

##### Lunch

- Stuffed Cabbage w/Sauerkraut
- Julienne of Peppers
- Baked Apples w/Crème Chantilly

#### Thursday, November 9

##### Dinner

- Caribbean Root Vegetable Soup
- Red Snapper Vesuvio
- Steamed Rice
- Green Beans & Red Onions
- Banana Walnut Spring Rolls w/Caramel Rum Sauce

[Chez Leon Menu](#)

Call x4598 to make your reservation.

Search

flu season. After a flu shot, vaccination becomes effective in two to three weeks. Last year the flu season did not hit until February.

Employees eager to get their flu shots are encouraged to check with the [Visiting Nurses Association](#), the [Public Health Department](#) or their private physician. Strobel also recommends good hand washing and coughing into your sleeve rather than your hand.

You can find more information in *Fermilab Today's* [previous announcement](#) about this year's delay in vaccines.

--D.A. Venton

### Missed yesterday's meeting? Check out the video



collided with other vehicles.

Second, please don't forget to familiarize yourself with the exit routes of the hotel you may be staying in. I was recently on a business trip to New York and checked into a high-rise hotel late at night in Manhattan. After I had crawled into bed and was about to fall asleep, the wail of a fire engine woke me up and I realized that if I had to evacuate the building in the dark, there was no way I would know how to get out of the building. So I got up, dressed and checked out the route to the exit doors before I returned to bed. I slept better (although I don't know how anyone sleeps well in NYC where the taxis blow their horns all night long!).

### Photo of the Day



**Caveman, scientist, scarecrow?** If you haven't seen it yet, you might want to check out the scientist scarecrow in the Wilson Hall atrium before it is dismantled this Friday. The scarecrow was made by Fermilab engineers Terry Tope, Jim Tweed, Dan Olis and Herman Cease. It won second place in the mechanical division of October's St. Charles' Scarecrow Festival. "The beard came from a costume store--it was supposed to be a caveman costume," said Tope, admitting that they needed the hair to hide electronics in the head. The scientist scarecrow dips "ghost crystals"--which disappear under water and re-appear when they emerge--into a beaker of water. His head also bobs. "We figured the more movement the better," said Tope. "I'm amazed he's still moving, he was only supposed to last three days."

### Announcements

## Search the Fermilab Today Archive

### Info

Fermilab Today is online at: <http://www.fnal.gov/today/>

Send comments and suggestions to [today@fnal.gov](mailto:today@fnal.gov)

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At yesterday's all-hands meeting, Pier Oddone described organizational restructuring under the new FRA contract, and what to expect in the next few months as we make the transition from a URA-operated lab to an FRA-operated lab. He also answered questions about the future of Fermilab, the ILC and other projects. You can watch the meeting on the [Visual Media Services Website](#).

### In the News

#### ***SDSS Press Release*** **November 7, 2006:**

#### **Gravity helps SDSS-II reveal a brilliant jewel of the early universe**

A team from the Sloan Digital Sky Survey (SDSS-II) and Fermi National Accelerator Laboratory today announced discovery of the brightest known image of a galaxy from the early universe.

While furious star formation makes the galaxy luminous, it enters the record books because the gravity of a foreground galaxy acts as a natural telescope, focusing its light on the earth.

The newly discovered galaxy, seen as an arc of four elongated images that encircle the foreground lens, offers a rare window into the state of the universe two billion years after the big bang.

"A telescope is an astronomer's time machine," explained Fermilab researcher Huan Lin, a member of the discovery team. "The light from this galaxy took more than 11 billion years to reach us."

Team leader Sahar Allam of Fermilab discovered the arc serendipitously in the course of a painstaking search for merging pairs of galaxies that took her

### Fermilab Folk Club Barn Dance

There will be a Fermilab Folk Club Barn Dance Sunday, November 12 at 6:30 p. m. with music by the Common Taters and calling by Allan Sundry. We will feature dances written by Fermilab physicist Dave Harding. More info at the folkdance [Website](#).

### Free training on Digital Certificates

Digital Certificates are commonly used at Fermilab and the broader open science community. When shopping online, the underlying technology that allows a transaction to remain secure is based on the use of digital certificates. Fermilab is now offering a free beginning level course that will provide a background on certificates, then give specific instructions on how to install certificates in your browser, including the two most popular certificates at Fermilab: KCAs and DOEGrids. Internet Explorer, the Netscape family, and Safari will be addressed. Participants are encouraged to bring a laptop, but are not required to. To enroll in the December 4 training session please visit [the course enrollment Website](#).

### Arrowhead Golf League information

Response to the request for interest in forming a Fermilab Golf League at Arrowhead Golf Course was sufficiently robust that we have decided to push on. We have contacted the course for specific information and would like to get together to discuss the details. An informational meeting has been scheduled in the 1 North conference room (Wilson Hall Atrium, by the bulletin board) at 11:30 a.m. on Monday, November 13. If you are interested in playing golf at Arrowhead next summer, you are invited to attend.

through more than 70,000 SDSS-II images. The source of these images, the 2.5-meter telescope located at Apache Point Observatory in New Mexico, has obtained high-resolution digital images of roughly half the northern sky.

[Read More](#)

[Upcoming Activities](#)